


M12 Series

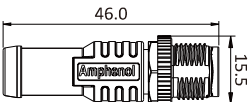
- M12 Data Group Supports Up To Cat. 6A (10Gpbs)
- M12 Power Group Supports Up To 16A
- Patented Universal Push Pull Quick Mating Design



Number of Contacts	3	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	MM	MPronto-12 (M/M)
MM: Male Connector Male Contact		

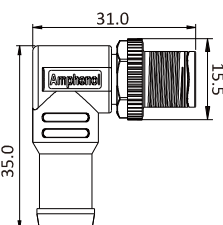
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-03BMMM-SL8A 10	-
		UL20549, PUR Jacket	MSAP-03BMMM-SL8B 10	-
		UL2517, PVC Jacket (Black)	MSAP-03BMMM-SL8D 10	-
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAP-03BMMM-SL8N 10 *	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A-03BMMM-SL8A 10	M12A-03BMMM-PL8A 10 *
		UL20549, PUR Jacket	M12A-03BMMM-SL8B 10	M12A-03BMMM-PL8B 10 *
		UL2517, PVC Jacket (Black)	M12A-03BMMM-SL8D 10	M12A-03BMMM-PL8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12A-03BMMM-SL8N 10 *	M12A-03BMMM-PL8N 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS-03BMMM-SL8A 10 *	MSAS-03BMMM-PL8A 10 *
		UL20549, PUR Jacket	MSAS-03BMMM-SL8B 10 *	MSAS-03BMMM-PL8B 10 *
		UL2517, PVC Jacket (Black)	MSAS-03BMMM-SL8D 10 *	MSAS-03BMMM-PL8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAS-03BMMM-SL8N 10 *	MSAS-03BMMM-PL8N 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A-03BMMM-SL8A 10 *	SM12A-03BMMM-PL8A 10 *
		UL20549, PUR Jacket	SM12A-03BMMM-SL8B 10 *	SM12A-03BMMM-PL8B 10 *
		UL2517, PVC Jacket (Black)	SM12A-03BMMM-SL8D 10 *	SM12A-03BMMM-PL8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12A-03BMMM-SL8N 10 *	SM12A-03BMMM-PL8N 10 *
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS-03BMMM-SL8A 10 *	SMSAS-03BMMM-PL8A 10 *	
	UL20549, PUR Jacket	SMSAS-03BMMM-SL8B 10 *	SMSAS-03BMMM-PL8B 10 *	
	UL2517, PVC Jacket (Black)	SMSAS-03BMMM-SL8D 10 *	SMSAS-03BMMM-PL8D 10 *	
	Cat. 5e, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSAS-03BMMM-SL8N 10 *	SMSAS-03BMMM-PL8N 10 *	



RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-03BMMM-SR8A 10	-
		UL20549, PUR Jacket	MSAP-03BMMM-SR8B 10	-
		UL2517, PVC Jacket (Black)	MSAP-03BMMM-SR8D 10	-
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAP-03BMMM-SR8N 10 *	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A-03BMMM-SR8A 10	M12A-03BMMM-PR8A 10 *
		UL20549, PUR Jacket	M12A-03BMMM-SR8B 10	M12A-03BMMM-PR8B 10 *
		UL2517, PVC Jacket (Black)	M12A-03BMMM-SR8D 10	M12A-03BMMM-PR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12A-03BMMM-SR8N 10 *	M12A-03BMMM-PR8N 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS-03BMMM-SR8A 10 *	MSAS-03BMMM-PR8A 10 *
		UL20549, PUR Jacket	MSAS-03BMMM-SR8B 10 *	MSAS-03BMMM-PR8B 10 *
		UL2517, PVC Jacket (Black)	MSAS-03BMMM-SR8D 10 *	MSAS-03BMMM-PR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAS-03BMMM-SR8N 10 *	MSAS-03BMMM-PR8N 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A-03BMMM-SR8A 10 *	SM12A-03BMMM-PR8A 10 *
		UL20549, PUR Jacket	SM12A-03BMMM-SR8B 10 *	SM12A-03BMMM-PR8B 10 *
		UL2517, PVC Jacket (Black)	SM12A-03BMMM-SR8D 10 *	SM12A-03BMMM-PR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12A-03BMMM-SR8N 10 *	SM12A-03BMMM-PL8N 10 *
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS-03BMMM-SR8A 10 *	SMSAS-03BMMM-PL8A 10 *	
	UL20549, PUR Jacket	SMSAS-03BMMM-SR8B 10 *	SMSAS-03BMMM-PL8B 10 *	
	UL2517, PVC Jacket (Black)	SMSAS-03BMMM-SR8D 10 *	SMSAS-03BMMM-PL8D 10 *	
	Cat. 5e, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSAS-03BMMM-SR8N 10 *	SMSAS-03BMMM-PL8N 10 *	

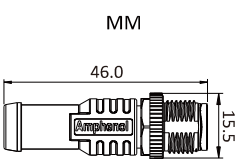
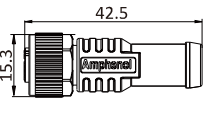
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	3	4
Coding	A	A
Rated Voltage (AC/DC)	250V	250V
Nominal current	4A	4A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact		

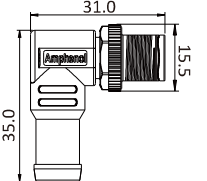
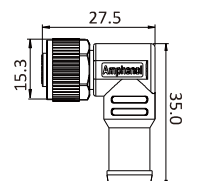
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

 <p>MM</p>  <p>FF</p>	<p>All Plastic</p> <p>Metal Nut</p> <p>Shielded</p> <p>Stainless</p> <p>Stainless Shielded</p>	UL2517, PVC Jacket (Yellow)	MSAP-03BFFM-SL8A 10	MSAP-04BMMM-SL8A 10
		UL20549, PUR Jacket	MSAP-03BFFM-SL8B 10	MSAP-04BMMM-SL8B 10
		UL2517, PVC Jacket (Black)	MSAP-03BFFM-SL8D 10	MSAP-04BMMM-SL8D 10
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAP-03BFFM-SL8N 10 *	MSAP-04BMMM-SL8N 10 *
		UL2517, PVC Jacket (Yellow)	M12A-03BFFM-SL8A 10	M12A-04BMMM-SL8A 10
		UL20549, PUR Jacket	M12A-03BFFM-SL8B 10	M12A-04BMMM-SL8B 10
		UL2517, PVC Jacket (Black)	M12A-03BFFM-SL8D 10	M12A-04BMMM-SL8D 10
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12A-03BFFM-SL8N 10 *	M12A-04BMMM-SL8N 10
		UL2517, PVC Jacket (Yellow)	MSAS-03BFFM-SL8A 10 *	MSAS-04BMMM-SL8A 10 *
		UL20549, PUR Jacket	MSAS-03BFFM-SL8B 10 *	MSAS-04BMMM-SL8B 10
		UL2517, PVC Jacket (Black)	MSAS-03BFFM-SL8D 10	MSAS-04BMMM-SL8D 10
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAS-03BFFM-SL8N 10 *	MSAS-04BMMM-SL8N 10 *
		UL2517, PVC Jacket (Yellow)	SM12A-03BFFM-SL8A 10 *	SM12A-04BMMM-SL8A 10
		UL20549, PUR Jacket	SM12A-03BFFM-SL8B 10 *	SM12A-04BMMM-SL8B 10
		UL2517, PVC Jacket (Black)	SM12A-03BFFM-SL8D 10 *	SM12A-04BMMM-SL8D 10
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12A-03BFFM-SL8N 10 *	SM12A-04BMMM-SL8N 10 *
UL2517, PVC Jacket (Yellow)	SMSAS-03BFFM-SL8A 10 *	SMSAS-04BMMM-SL8A 10 *		
UL20549, PUR Jacket	SMSAS-03BFFM-SL8B 10 *	SMSAS-04BMMM-SL8B 10 *		
UL2517, PVC Jacket (Black)	SMSAS-03BFFM-SL8D 10 *	SMSAS-04BMMM-SL8D 10 *		
Cat. 5e, PUR Jacket	-	-		
UL20549, High Flex / Bending PUR	SMSAS-03BFFM-SL8N 10 *	SMSAS-04BMMM-SL8N 10 *		























































































































































































































RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End


10 Cable Length: (01) 1M ~ (99) 99M¹⁾

 <p>MM</p>  <p>FF</p>	<p>All Plastic</p> <p>Metal Nut</p> <p>Shielded</p> <p>Stainless</p> <p>Stainless Shielded</p>	UL2517, PVC Jacket (Yellow)	MSAP-03BFFM-SR8A 10	MSAP-04BMMM-SR8A 10
		UL20549, PUR Jacket	MSAP-03BFFM-SR8B 10	MSAP-04BMMM-SR8B 10
		UL2517, PVC Jacket (Black)	MSAP-03BFFM-SR8D 10	MSAP-04BMMM-SR8D 10
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAP-03BFFM-SR8N 10 *	MSAP-04BMMM-SR8N 10 *
		UL2517, PVC Jacket (Yellow)	M12A-03BFFM-SR8A 10	M12A-04BMMM-SR8A 10
		UL20549, PUR Jacket	M12A-03BFFM-SR8B 10	M12A-04BMMM-SR8B 10
		UL2517, PVC Jacket (Black)	M12A-03BFFM-SR8D 10	M12A-04BMMM-SR8D 10
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12A-03BFFM-SR8N 10 *	M12A-04BMMM-SR8N 10 *
		UL2517, PVC Jacket (Yellow)	MSAS-03BFFM-SR8A 10 *	MSAS-04BMMM-SR8A 10 *
		UL20549, PUR Jacket	MSAS-03BFFM-SR8B 10 *	MSAS-04BMMM-SR8B 10 *
		UL2517, PVC Jacket (Black)	MSAS-03BFFM-SR8D 10 *	MSAS-04BMMM-SR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAS-03BFFM-SR8N 10 *	MSAS-04BMMM-SR8N 10 *
		UL2517, PVC Jacket (Yellow)	SM12A-03BFFM-SR8A 10 *	SM12A-04BMMM-SR8A 10 *
		UL20549, PUR Jacket	SM12A-03BFFM-SR8B 10 *	SM12A-04BMMM-SR8B 10 *
		UL2517, PVC Jacket (Black)	SM12A-03BFFM-SR8D 10 *	SM12A-04BMMM-SR8D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12A-03BFFM-SR8N 10 *	SM12A-04BMMM-SR8N 10 *
UL2517, PVC Jacket (Yellow)	SMSAS-03BFFM-SR8A 10 *	SMSAS-04BMMM-SR8A 10 *		
UL20549, PUR Jacket	SMSAS-03BFFM-SR8B 10 *	SMSAS-04BMMM-SR8B 10 *		
UL2517, PVC Jacket (Black)	SMSAS-03BFFM-SR8D 10 *	SMSAS-04BMMM-SR8D 10 *		
Cat. 5e, PUR Jacket	-	-		
UL20549, High Flex / Bending PUR	SMSAS-03BFFM-SR8N 10 *	SMSAS-04BMMM-SR8N 10 *		

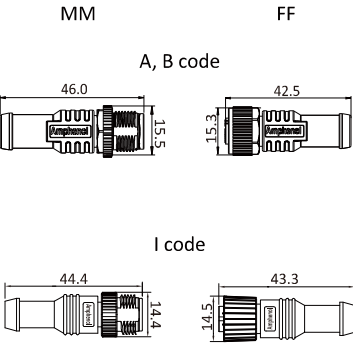
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

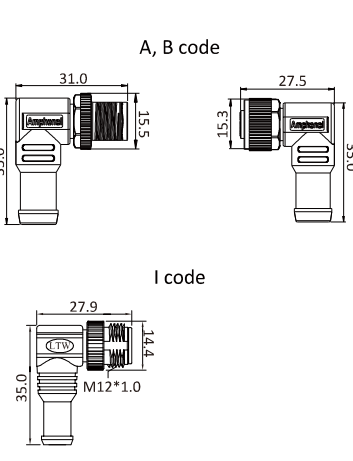
4		4		
A		D		
250V		250V		
4A		4A		
MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)	FF
				
-	MSAP-04BFFM-SL8A 	MSDP-04BMMM-SL8A 	-	MSDP-04BFFM-SL8A 
-	MSAP-04BFFM-SL8B 	MSDP-04BMMM-SL8B 	-	MSDP-04BFFM-SL8B 
-	MSAP-04BFFM-SL8D 	MSDP-04BMMM-SL8D 	-	MSDP-04BFFM-SL8D 
-	-	MSDP-04BMMM-SL8E 	-	MSDP-04BFFM-SL8E 
-	MSAP-04BFFM-SL8N 	MSDP-04BMMM-SL8N 	-	MSDP-04BFFM-SL8N 
M12A-04BMMM-PL8A 	M12A-04BFFM-SL8A 	M12D-04BMMM-SL8A 	M12D-04BMMM-PL8A 	M12D-04BFFM-SL8A 
M12A-04BMMM-PL8B 	M12A-04BFFM-SL8B 	M12D-04BMMM-SL8B 	M12D-04BMMM-PL8B 	M12D-04BFFM-SL8B 
M12A-04BMMM-PL8D 	M12A-04BFFM-SL8D 	M12D-04BMMM-SL8D 	M12D-04BMMM-PL8D 	M12D-04BFFM-SL8D 
-	-	M12D-04BMMM-SL8E 	M12D-04BMMM-PL8E 	M12D-04BFFM-SL8E 
M12A-04BMMM-PL8N 	M12A-04BFFM-SL8N 	M12D-04BMMM-SL8N 	M12D-04BMMM-PL8N 	M12D-04BFFM-SL8N 
MSAS-04BMMM-PL8A 	MSAS-04BFFM-SL8A 	MSDS-04BMMM-SL8A 	MSDS-04BMMM-PL8A 	MSDS-04BFFM-SL8A 
MSAS-04BMMM-PL8B 	MSAS-04BFFM-SL8B 	MSDS-04BMMM-SL8B 	MSDS-04BMMM-PL8B 	MSDS-04BFFM-SL8B 
MSAS-04BMMM-PL8D 	MSAS-04BFFM-SL8D 	MSDS-04BMMM-SL8D 	MSDS-04BMMM-PL8D 	MSDS-04BFFM-SL8D 
-	-	MSDS-04BMMM-SL8E 	MSDS-04BMMM-PL8E 	MSDS-04BFFM-SL8E 
MSAS-04BMMM-PL8N 	MSAS-04BFFM-SL8N 	MSDS-04BMMM-SL8N 	MSDS-04BMMM-PL8N 	MSDS-04BFFM-SL8N 
SM12A-04BMMM-PL8A 	SM12A-04BFFM-SL8A 	SM12D-04BMMM-SL8A 	SM12D-04BMMM-PL8A 	SM12D-04BFFM-SL8A 
SM12A-04BMMM-PL8B 	SM12A-04BFFM-SL8B 	SM12D-04BMMM-SL8B 	SM12D-04BMMM-PL8B 	SM12D-04BFFM-SL8B 
SM12A-04BMMM-PL8D 	SM12A-04BFFM-SL8D 	SM12D-04BMMM-SL8D 	SM12D-04BMMM-PL8D 	SM12D-04BFFM-SL8D 
-	-	SM12D-04BMMM-SL8E 	SM12D-04BMMM-PL8E 	SM12D-04BFFM-SL8E 
SM12A-04BMMM-PL8N 	SM12A-04BFFM-SL8N 	SM12D-04BMMM-SL8N 	SM12D-04BMMM-PL8N 	SM12D-04BFFM-SL8N 
SMSAS-04BMMM-PL8A 	SMSAS-04BFFM-SL8A 	SMSDS-04BMMM-SL8A 	SMSDS-04BMMM-PL8A 	SMSDS-04BFFM-SL8A 
SMSAS-04BMMM-PL8B 	SMSAS-04BFFM-SL8B 	SMSDS-04BMMM-SL8B 	SMSDS-04BMMM-PL8B 	SMSDS-04BFFM-SL8B 
SMSAS-04BMMM-PL8D 	SMSAS-04BFFM-SL8D 	SMSDS-04BMMM-SL8D 	SMSDS-04BMMM-PL8D 	SMSDS-04BFFM-SL8D 
-	-	SMSDS-04BMMM-SL8E 	SMSDS-04BMMM-PL8E 	SMSDS-04BFFM-SL8E 
SMSAS-04BMMM-PL8N 	SMSAS-04BFFM-SL8N 	SMSDS-04BMMM-SL8N 	SMSDS-04BMMM-PL8N 	SMSDS-04BFFM-SL8N 
-	MSAP-04BFFM-SR8A 	MSDP-04BMMM-SR8A 	-	MSDP-04BFFM-SR8A 
-	MSAP-04BFFM-SR8B 	MSDP-04BMMM-SR8B 	-	MSDP-04BFFM-SR8B 
-	MSAP-04BFFM-SR8D 	MSDP-04BMMM-SR8D 	-	MSDP-04BFFM-SR8D 
-	-	MSDP-04BMMM-SR8E 	-	MSDP-04BFFM-SR8E 
-	MSAP-04BFFM-SR8N 	MSDP-04BMMM-SR8N 	-	MSDP-04BFFM-SR8N 
M12A-04BMMM-PR8A 	M12A-04BFFM-SR8A 	M12D-04BMMM-SR8A 	M12D-04BMMM-PR8A 	M12D-04BFFM-SR8A 
M12A-04BMMM-PR8B 	M12A-04BFFM-SR8B 	M12D-04BMMM-SR8B 	M12D-04BMMM-PR8B 	M12D-04BFFM-SR8B 
M12A-04BMMM-PR8D 	M12A-04BFFM-SR8D 	M12D-04BMMM-SR8D 	M12D-04BMMM-PR8D 	M12D-04BFFM-SR8D 
-	-	M12D-04BMMM-SR8E 	M12D-04BMMM-PR8E 	M12D-04BFFM-SR8E 
M12A-04BMMM-PR8N 	M12A-04BFFM-SR8N 	M12D-04BMMM-SR8N 	M12D-04BMMM-PR8N 	M12D-04BFFM-SR8N 
MSAS-04BMMM-PR8A 	MSAS-04BFFM-SR8A 	MSDS-04BMMM-SR8A 	MSDS-04BMMM-PR8A 	MSDS-04BFFM-SR8A 
MSAS-04BMMM-PR8B 	MSAS-04BFFM-SR8B 	MSDS-04BMMM-SR8B 	MSDS-04BMMM-PR8B 	MSDS-04BFFM-SR8B 
MSAS-04BMMM-PR8D 	MSAS-04BFFM-SR8D 	MSDS-04BMMM-SR8D 	MSDS-04BMMM-PR8D 	MSDS-04BFFM-SR8D 
-	-	MSDS-04BMMM-SR8E 	MSDS-04BMMM-PR8E 	MSDS-04BFFM-SR8E 
MSAS-04BMMM-PR8N 	MSAS-04BFFM-SR8N 	MSDS-04BMMM-SR8N 	MSDS-04BMMM-PR8N 	MSDS-04BFFM-SR8N 
SM12A-04BMMM-PR8A 	SM12A-04BFFM-SR8A 	SM12D-04BMMM-SR8A 	SM12D-04BMMM-PR8A 	SM12D-04BFFM-SR8A 
SM12A-04BMMM-PR8B 	SM12A-04BFFM-SR8B 	SM12D-04BMMM-SR8B 	SM12D-04BMMM-PR8B 	SM12D-04BFFM-SR8B 
SM12A-04BMMM-PR8D 	SM12A-04BFFM-SR8D 	SM12D-04BMMM-SR8D 	SM12D-04BMMM-PR8D 	SM12D-04BFFM-SR8D 
-	-	SM12D-04BMMM-SR8E 	SM12D-04BMMM-PR8E 	SM12D-04BFFM-SR8E 
SM12A-04BMMM-PL8N 	SM12A-04BFFM-SR8N 	SM12D-04BMMM-SR8N 	SM12D-04BMMM-PR8N 	SM12D-04BFFM-SR8N 
SMSAS-04BMMM-PL8A 	SMSAS-04BFFM-SR8A 	SMSDS-04BMMM-SR8A 	SMSDS-04BMMM-PR8A 	SMSDS-04BFFM-SR8A 
SMSAS-04BMMM-PL8B 	SMSAS-04BFFM-SR8B 	SMSDS-04BMMM-SR8B 	SMSDS-04BMMM-PR8B 	SMSDS-04BFFM-SR8B 
SMSAS-04BMMM-PL8D 	SMSAS-04BFFM-SR8D 	SMSDS-04BMMM-SR8D 	SMSDS-04BMMM-PR8D 	SMSDS-04BFFM-SR8D 
-	-	SMSDS-04BMMM-SR8E 	SMSDS-04BMMM-PR8E 	SMSDS-04BFFM-SR8E 
SMSAS-04BMMM-PL8N 	SMSAS-04BFFM-SR8N 	SMSDS-04BMMM-SR8N 	SMSDS-04BMMM-PR8N 	SMSDS-04BFFM-SR8N 

Number of Contacts	5	
Coding	A	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MM	MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact MI: Male Connector Male + Female Contact		

STRAIGHT, Overmolded Cable Assembly, Free Cable End
 10 Cable Length: (01) 1M ~ (99) 99M¹⁾



































































































































































































	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-05BMMM-SL8A 10	-
		UL20549, PUR Jacket	MSAP-05BMMM-SL8B 10	-
		UL2517, PVC Jacket (Black)	MSAP-05BMMM-SL8D 10	-
		UL20549, High Flex / Bending PUR	MSAP-05BMMM-SL8N 10*	-
		UL2517, PVC Jacket (Yellow)	M12A-05BMMM-SL8A 10	M12A-05BMMM-PL8A 10*
	Metal Nut	UL20549, PUR Jacket	M12A-05BMMM-SL8B 10	M12A-05BMMM-PL8B 10
		UL2517, PVC Jacket (Black)	M12A-05BMMM-SL8D 10	M12A-05BMMM-PL8D 10
		UL20549, High Flex / Bending PUR	M12A-05BMMM-SL8N 10	M12A-05BMMM-PL8N 10*
		UL2517, PVC Jacket (Yellow)	MSAS-05BMMM-SL8A 10*	MSAS-05BMMM-PL8A 10*
		UL20549, PUR Jacket	MSAS-05BMMM-SL8B 10	MSAS-05BMMM-PL8B 10
	Shielded	UL2517, PVC Jacket (Black)	MSAS-05BMMM-SL8D 10	MSAS-05BMMM-PL8D 10
		UL20549, High Flex / Bending PUR	MSAS-05BMMM-SL8N 10*	MSAS-05BMMM-PL8N 10*
		UL2517, PVC Jacket (Yellow)	SM12A-05BMMM-SL8A 10*	SM12A-05BMMM-PL8A 10*
		UL20549, PUR Jacket	SM12A-05BMMM-SL8B 10*	SM12A-05BMMM-PL8B 10*
		UL2517, PVC Jacket (Black)	SM12A-05BMMM-SL8D 10*	SM12A-05BMMM-PL8D 10*
	Stainless	UL20549, High Flex / Bending PUR	SM12A-05BMMM-SL8N 10*	SM12A-05BMMM-PL8N 10*
		UL2517, PVC Jacket (Yellow)	SMSAS-05BMMM-SL8A 10*	SMSAS-05BMMM-PL8A 10*
		UL20549, PUR Jacket	SMSAS-05BMMM-SL8B 10*	SMSAS-05BMMM-PL8B 10*
		UL2517, PVC Jacket (Black)	SMSAS-05BMMM-SL8D 10*	SMSAS-05BMMM-PL8D 10*
		UL20549, High Flex / Bending PUR	SMSAS-05BMMM-SL8N 10*	SMSAS-05BMMM-PL8N 10*


RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End
 10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-05BMMM-SR8A 10	-
		UL20549, PUR Jacket	MSAP-05BMMM-SR8B 10	-
		UL2517, PVC Jacket (Black)	MSAP-05BMMM-SR8D 10	-
		UL20549, High Flex / Bending PUR	MSAP-05BMMM-SR8N 10*	-
		UL2517, PVC Jacket (Yellow)	M12A-05BMMM-SR8A 10	M12D-05BMMM-PR8A 10*
	Metal Nut	UL20549, PUR Jacket	M12A-05BMMM-SR8B 10	M12D-05BMMM-PR8B 10*
		UL2517, PVC Jacket (Black)	M12A-05BMMM-SR8D 10	M12D-05BMMM-PR8D 10*
		UL20549, High Flex / Bending PUR	M12A-05BMMM-SR8N 10*	M12D-05BMMM-PR8N 10*
		UL2517, PVC Jacket (Yellow)	MSAS-05BMMM-SR8A 10*	MSDS-05BMMM-PR8A 10*
		UL20549, PUR Jacket	MSAS-05BMMM-SR8B 10	MSDS-05BMMM-PR8B 10*
	Shielded	UL2517, PVC Jacket (Black)	MSAS-05BMMM-SR8D 10	MSDS-05BMMM-PR8D 10*
		UL20549, High Flex / Bending PUR	MSAS-05BMMM-SR8N 10*	MSDS-05BMMM-PR8N 10*
		UL2517, PVC Jacket (Yellow)	SM12A-05BMMM-SR8A 10*	SM12D-05BMMM-PR8A 10*
		UL20549, PUR Jacket	SM12A-05BMMM-SR8B 10*	SM12D-05BMMM-PR8B 10*
		UL2517, PVC Jacket (Black)	SM12A-05BMMM-SR8D 10*	SM12D-05BMMM-PR8D 10*
	Stainless	UL20549, High Flex / Bending PUR	SM12A-05BMMM-SR8N 10*	SM12D-05BMMM-PR8N 10*
		UL2517, PVC Jacket (Yellow)	SMSAS-05BMMM-SR8A 10*	SMSDS-05BMMM-PR8A 10*
		UL20549, PUR Jacket	SMSAS-05BMMM-SR8B 10*	SMSDS-05BMMM-PR8B 10*
		UL2517, PVC Jacket (Black)	SMSAS-05BMMM-SR8D 10*	SMSDS-05BMMM-PR8D 10*
		UL20549, High Flex / Bending PUR	SMSAS-05BMMM-SR8N 10*	SMSDS-05BMMM-PR8N 10*

* Upon Request

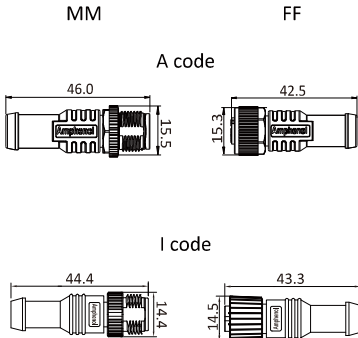
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5		5		5	
A		B		I	
60V		60V		60V	
4A		4A		4A	
FF		MM	MPronto-12 (M/M)	FF	Male/Hybrid
					
MSAP-05BFFM-SL8A 	MSBP-05BMMM-SL8A 	-	MSBP-05BFFM-SL8A 	MSIP-05BMIM-SL7A  *	
MSAP-05BFFM-SL8B 	MSBP-05BMMM-SL8B 	-	MSBP-05BFFM-SL8B 	MSIP-05BMIM-SL7B  *	
MSAP-05BFFM-SL8D 	MSBP-05BMMM-SL8D 	-	MSBP-05BFFM-SL8D 	MSIP-05BMIM-SL7D  *	
MSAP-05BFFM-SL8N  *	MSBP-05BMMM-SL8N  *	-	MSBP-05BFFM-SL8N  *	MSIP-05BMIM-SL7N  *	
M12A-05BFFM-SL8A 	M12B-05BMMM-SL8A 	M12B-05BMMM-PL8A  *	M12B-05BFFM-SL8A 	M12I-05BMIM-SL7A  *	
M12A-05BFFM-SL8B 	M12B-05BMMM-SL8B 	M12B-05BMMM-PL8B 	M12B-05BFFM-SL8B 	M12I-05BMIM-SL7B  *	
M12A-05BFFM-SL8D 	M12B-05BMMM-SL8D 	M12B-05BMMM-PL8D 	M12B-05BFFM-SL8D 	M12I-05BMIM-SL7D  *	
M12A-05BFFM-SL8N 	M12B-05BMMM-SL8N  *	M12B-05BMMM-PL8N  *	M12B-05BFFM-SL8N  *	M12I-05BMIM-SL7N  *	
MSAS-05BFFM-SL8A  *	MSBS-05BMMM-SL8A  *	MSBS-05BMMM-PL8A  *	MSBS-05BFFM-SL8A  *	MSIS-05BMIM-SL7A  *	
MSAS-05BFFM-SL8B 	MSBS-05BMMM-SL8B 	MSBS-05BMMM-PL8B 	MSBS-05BFFM-SL8B 	MSIS-05BMIM-SL7B  *	
MSAS-05BFFM-SL8D 	MSBS-05BMMM-SL8D 	MSBS-05BMMM-PL8D 	MSBS-05BFFM-SL8D 	MSIS-05BMIM-SL7D  *	
MSAS-05BFFM-SL8N  *	MSBS-05BMMM-SL8N  *	MSBS-05BMMM-PL8N  *	MSBS-05BFFM-SL8N  *	MSIS-05BMIM-SL7N  *	
SM12A-05BFFM-SL8A  *	SM12B-05BMMM-SL8A  *	SM12B-05BMMM-PL8A  *	SM12B-05BFFM-SL8A  *	SM12I-05BMIM-SL7A  *	
SM12A-05BFFM-SL8B  *	SM12B-05BMMM-SL8B  *	SM12B-05BMMM-PL8B  *	SM12B-05BFFM-SL8B  *	SM12I-05BMIM-SL7B  *	
SM12A-05BFFM-SL8D  *	SM12B-05BMMM-SL8D  *	SM12B-05BMMM-PL8D  *	SM12B-05BFFM-SL8D  *	SM12I-05BMIM-SL7D  *	
SM12A-05BFFM-SL8N  *	SM12B-05BMMM-SL8N  *	SM12B-05BMMM-PL8N  *	SM12B-05BFFM-SL8N  *	-	
SMSAS-05BFFM-SL8A  *	SMSBS-05BMMM-SL8A  *	SMSBS-05BMMM-PL8A  *	SMSBS-05BFFM-SL8A  *	SMSIS-05BMIM-SL7A  *	
SMSAS-05BFFM-SL8B  *	SMSBS-05BMMM-SL8B  *	SMSBS-05BMMM-PL8B  *	SMSBS-05BFFM-SL8B  *	SMSIS-05BMIM-SL7B  *	
SMSAS-05BFFM-SL8D  *	SMSBS-05BMMM-SL8D  *	SMSBS-05BMMM-PL8D  *	SMSBS-05BFFM-SL8D  *	SMSIS-05BMIM-SL7D  *	
SMSAS-05BFFM-SL8N  *	SMSBS-05BMMM-SL8N  *	SMSBS-05BMMM-PL8N  *	SMSBS-05BFFM-SL8N  *	SMSIS-05BMIM-SL7N  *	
MSAP-05BFFM-SR8A 	MSBP-05BMMM-SR8A 	-	MSBP-05BFFM-SR8A 	MSIP-05BMIM-SR7A  *	
MSAP-05BFFM-SR8B 	MSBP-05BMMM-SR8B 	-	MSBP-05BFFM-SR8B 	MSIP-05BMIM-SR7B  *	
MSAP-05BFFM-SR8D 	MSBP-05BMMM-SR8D 	-	MSBP-05BFFM-SR8D 	MSIP-05BMIM-SR7D  *	
MSAP-05BFFM-SR8N  *	MSBP-05BMMM-SR8N  *	-	MSBP-05BFFM-SR8N  *	MSIP-05BMIM-SR7N  *	
M12A-05BFFM-SR8A 	M12B-05BMMM-SR8A 	M12B-05BMMM-PR8A  *	M12B-05BFFM-SR8A 	M12I-05BMIM-SR7A  *	
M12A-05BFFM-SR8B 	M12B-05BMMM-SR8B 	M12B-05BMMM-PR8B 	M12B-05BFFM-SR8B 	M12I-05BMIM-SR7B  *	
M12A-05BFFM-SR8D 	M12B-05BMMM-SR8D 	M12B-05BMMM-PR8D 	M12B-05BFFM-SR8D 	M12I-05BMIM-SR7D  *	
M12A-05BFFM-SR8N  *	M12B-05BMMM-SR8N  *	M12B-05BMMM-PR8N  *	M12B-05BFFM-SR8N  *	M12I-05BMIM-SR7N  *	
MSAS-05BFFM-SR8A  *	MSBS-05BMMM-SR8A  *	MSBS-05BMMM-PR8A  *	MSBS-05BFFM-SR8A  *	MSIS-05BMIM-SR7A  *	
MSAS-05BFFM-SR8B 	MSBS-05BMMM-SR8B 	MSBS-05BMMM-PR8B 	MSBS-05BFFM-SR8B 	MSIS-05BMIM-SR7B  *	
MSAS-05BFFM-SR8D 	MSBS-05BMMM-SR8D 	MSBS-05BMMM-PR8D 	MSBS-05BFFM-SR8D 	MSIS-05BMIM-SR7D  *	
MSAS-05BFFM-SR8N  *	MSBS-05BMMM-SR8N  *	MSBS-05BMMM-PR8N  *	MSBS-05BFFM-SR8N  *	MSIS-05BMIM-SR7N  *	
SM12A-05BFFM-SR8A  *	SM12B-05BMMM-SR8A  *	SM12B-05BMMM-PR8A  *	SM12B-05BFFM-SR8A  *	SM12I-05BMIM-SR7A  *	
SM12A-05BFFM-SR8B  *	SM12B-05BMMM-SR8B  *	SM12B-05BMMM-PR8B  *	SM12B-05BFFM-SR8B  *	SM12I-05BMIM-SR7B  *	
SM12A-05BFFM-SR8D  *	SM12B-05BMMM-SR8D  *	SM12B-05BMMM-PR8D  *	SM12B-05BFFM-SR8D  *	SM12I-05BMIM-SR7D  *	
SM12A-05BFFM-SR8N  *	SM12B-05BMMM-SR8N  *	SM12B-05BMMM-PR8N  *	SM12B-05BFFM-SR8N  *	SM12I-05BMIM-SR7N  *	
SMSAS-05BFFM-SR8A  *	SMSBS-05BMMM-SR8A  *	SMSBS-05BMMM-PR8A  *	SMSBS-05BFFM-SR8A  *	SMSIS-05BMIM-SR7A  *	
SMSAS-05BFFM-SR8B  *	SMSBS-05BMMM-SR8B  *	SMSBS-05BMMM-PR8B  *	SMSBS-05BFFM-SR8B  *	SMSIS-05BMIM-SR7B  *	
SMSAS-05BFFM-SR8D  *	SMSBS-05BMMM-SR8D  *	SMSBS-05BMMM-PR8D  *	SMSBS-05BFFM-SR8D  *	SMSIS-05BMIM-SR7D  *	
SMSAS-05BFFM-SR8N  *	SMSBS-05BMMM-SR8N  *	SMSBS-05BMMM-PR8N  *	SMSBS-05BFFM-SR8N  *	SMSIS-05BMIM-SR7N  *	

Number of Contacts	5	
Coding	I	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MPronto-12 (Male/Hybrid)	Female/Hybrid
MM : Male Connector Male Contact FF : Female Connector Female Contact MI: Male Connector Male + Female Contact FI: Female Connector Male + Female Contact		

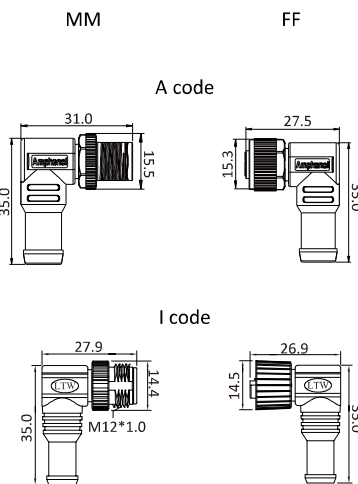
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	-	MSIP-05BFIM-SL7A 10 *
		UL20549, PUR Jacket	-	MSIP-05BFIM-SL7B 10
		UL2517, PVC Jacket (Black)	-	MSIP-05BFIM-SL7D 10
		Cat. 5e, PUR Jacket	-	-
	Metal Nut	UL20549, High Flex / Bending PUR	-	MSIP-05BFIM-SL7N 10 *
		UL2517, PVC Jacket (Yellow)	M12I-05BMIM-PL7A 10 *	M12I-05BFIM-SL7A 10 *
		UL20549, PUR Jacket	M12I-05BMIM-PL7B 10 *	M12I-05BFIM-SL7B 10 *
		UL2517, PVC Jacket (Black)	M12I-05BMIM-PL7D 10 *	M12I-05BFIM-SL7D 10 *
	Shielded	Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12I-05BMIM-PL7N 10 *	M12I-05BFIM-SL7N 10 *
		UL2517, PVC Jacket (Yellow)	MSIS-05BMIM-PL7A 10 *	MSIS-05BFIM-SL7A 10 *
		UL20549, PUR Jacket	MSIS-05BMIM-PL7B 10 *	MSIS-05BFIM-SL7B 10 *
	Stainless	UL2517, PVC Jacket (Black)	MSIS-05BMIM-PL7D 10 *	MSIS-05BFIM-SL7D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSIS-05BMIM-PL7N 10 *	MSIS-05BFIM-SL7N 10 *
		UL2517, PVC Jacket (Yellow)	SM12I-05BMIM-PL7A 10 *	SM12I-05BFIM-SL7A 10 *
	Stainless Shielded	UL20549, PUR Jacket	SM12I-05BMIM-PL7B 10 *	SM12I-05BFIM-SL7B 10 *
		UL2517, PVC Jacket (Black)	SM12I-05BMIM-PL7D 10 *	SM12I-05BFIM-SL7D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SMSIS-05BMIM-PL7N 10 *	SMSIS-05BFIM-SL7N 10 *












































































































































































































RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	-	MSIP-05BFIM-SR7A 10 *
		UL20549, PUR Jacket	-	MSIP-05BFIM-SR7B 10 *
		UL2517, PVC Jacket (Black)	-	MSIP-05BFIM-SR7D 10 *
		UL20549, High Flex / Bending PUR	-	MSIP-05BFIM-SR7N 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12I-05BMIM-PR7A 10 *	M12I-05BFIM-SR7A 10 *
		UL20549, PUR Jacket	M12I-05BMIM-PR7B 10 *	M12I-05BFIM-SR7B 10 *
		UL2517, PVC Jacket (Black)	M12I-05BMIM-PR7D 10 *	M12I-05BFIM-SR7D 10 *
		Cat. 5e, PUR Jacket	-	-
	Shielded	UL20549, High Flex / Bending PUR	M12I-05BMIM-PR7N 10 *	M12I-05BFIM-SR7N 10 *
		UL2517, PVC Jacket (Yellow)	MSIS-05BMIM-PR7A 10 *	MSIS-05BFIM-SR7A 10 *
		UL20549, PUR Jacket	MSIS-05BMIM-PR7B 10 *	MSIS-05BFIM-SR7B 10 *
		UL2517, PVC Jacket (Black)	MSIS-05BMIM-PR7D 10 *	MSIS-05BFIM-SR7D 10 *
	Stainless	Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSIS-05BMIM-PR7N 10 *	MSIS-05BFIM-SR7N 10 *
		UL2517, PVC Jacket (Yellow)	SM12I-05BMIM-PR7A 10 *	SM12I-05BFIM-SR7A 10 *
		UL20549, PUR Jacket	SM12I-05BMIM-PR7B 10 *	SM12I-05BFIM-SR7B 10 *
	Stainless Shielded	UL2517, PVC Jacket (Black)	SM12I-05BMIM-PR7D 10 *	SM12I-05BFIM-SR7D 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12I-05BMIM-PR7N 10 *	SM12I-05BFIM-SR7N 10 *
		UL2517, PVC Jacket (Yellow)	SMSIS-05BMIM-PR7A 10 *	SMSIS-05BFIM-SR7A 10 *



* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6			8	
A			A	
30V			30V	
2A			2A	
MM	MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)
				
MSAP-06BMMM-SL8A 	-	MSAP-06BFFM-SL8A 	MSAP-08BMMM-SL8A 	-
MSAP-06BMMM-SL8B 	-	MSAP-06BFFM-SL8B 	MSAP-08BMMM-SL8B 	-
MSAP-06BMMM-SL8D 	-	MSAP-06BFFM-SL8D 	MSAP-08BMMM-SL8D 	-
-	-	-	MSAP-08BMMM-SL8E 	-
MSAP-06BMMM-SL8N 	-	MSAP-06BFFM-SL8N 	MSAP-08BMMM-SL8N 	-
M12A-06BMMM-SL8A 	M12A-06BMMM-PL8A 	M12A-06BFFM-SL8A 	M12A-08BMMM-SL8A 	M12A-08BMMM-PL8A 
M12A-06BMMM-SL8B 	M12A-06BMMM-PL8B 	M12A-06BFFM-SL8B 	M12A-08BMMM-SL8B 	M12A-08BMMM-PL8B 
M12A-06BMMM-SL8D 	M12A-06BMMM-PL8D 	M12A-06BFFM-SL8D 	M12A-08BMMM-SL8D 	M12A-08BMMM-PL8D 
-	-	-	M12A-08BMMM-SL8E 	M12A-08BMMM-PL8E 
M12A-06BMMM-SL8N 	M12A-06BMMM-PL8N 	M12A-06BFFM-SL8N 	M12A-08BMMM-SL8N 	M12A-08BMMM-PL8N 
MSAS-06BMMM-SL8A 	MSAS-06BMMM-PL8A 	MSAS-06BFFM-SL8A 	MSAS-08BMMM-SL8A 	MSAS-08BMMM-PL8A 
MSAS-06BMMM-SL8B 	MSAS-06BMMM-PL8B 	MSAS-06BFFM-SL8B 	MSAS-08BMMM-SL8B 	MSAS-08BMMM-PL8B 
MSAS-06BMMM-SL8D 	MSAS-06BMMM-PL8D 	MSAS-06BFFM-SL8D 	MSAS-08BMMM-SL8D 	MSAS-08BMMM-PL8D 
-	-	-	MSAS-08BMMM-SL8E 	MSAS-08BMMM-PL8E 
MSAS-06BMMM-SL8N 	MSAS-06BMMM-PL8N 	MSAS-06BFFM-SL8N 	MSAS-08BMMM-SL8N 	MSAS-08BMMM-PL8N 
SM12A-06BMMM-SL8A 	SM12A-06BMMM-PL8A 	SM12A-06BFFM-SL8A 	SM12A-08BMMM-SL8A 	SM12A-08BMMM-PL8A 
SM12A-06BMMM-SL8B 	SM12A-06BMMM-PL8B 	SM12A-06BFFM-SL8B 	SM12A-08BMMM-SL8B 	SM12A-08BMMM-PL8B 
SM12A-06BMMM-SL8D 	SM12A-06BMMM-PL8D 	SM12A-06BFFM-SL8D 	SM12A-08BMMM-SL8D 	SM12A-08BMMM-PL8D 
-	-	-	SM12A-08BMMM-SL8E 	SM12A-08BMMM-PL8E 
SM12A-06BMMM-SL8N 	SM12A-06BMMM-PL8N 	SM12A-06BFFM-SL8N 	SM12A-08BMMM-SL8N 	SM12A-08BMMM-PL8N 
SMSAS-06BMMM-SL8A 	SMSAS-06BMMM-PL8A 	SMSAS-06BFFM-SL8A 	SMSAS-08BMMM-SL8A 	SMSAS-08BMMM-PL8A 
SMSAS-06BMMM-SL8B 	SMSAS-06BMMM-PL8B 	SMSAS-06BFFM-SL8B 	SMSAS-08BMMM-SL8B 	SMSAS-08BMMM-PL8B 
SMSAS-06BMMM-SL8D 	SMSAS-06BMMM-PL8D 	SMSAS-06BFFM-SL8D 	SMSAS-08BMMM-SL8D 	SMSAS-08BMMM-PL8D 
-	-	-	SMSAS-08BMMM-SL8E 	SMSAS-08BMMM-PL8E 
SMSAS-06BMMM-SL8N 	SMSAS-06BMMM-PL8N 	SMSAS-06BFFM-SL8N 	SMSAS-08BMMM-SL8N 	SMSAS-08BMMM-PL8N 
MSAP-06BMMM-SR8A 	-	MSAP-06BFFM-SR8A 	MSAP-08BMMM-SR8A 	-
MSAP-06BMMM-SR8B 	-	MSAP-06BFFM-SR8B 	MSAP-08BMMM-SR8B 	-
MSAP-06BMMM-SR8D 	-	MSAP-06BFFM-SR8D 	MSAP-08BMMM-SR8D 	-
MSAP-06BMMM-SR8N 	-	MSAP-06BFFM-SR8N 	MSAP-08BMMM-SR8N 	-
M12A-06BMMM-SR8A 	M12A-06BMMM-PR8A 	M12A-06BFFM-SR8A 	M12A-08BMMM-SR8A 	M12A-08BMMM-PR8A 
M12A-06BMMM-SR8B 	M12A-06BMMM-PR8B 	M12A-06BFFM-SR8B 	M12A-08BMMM-SR8B 	M12A-08BMMM-PR8B 
M12A-06BMMM-SR8D 	M12A-06BMMM-PR8D 	M12A-06BFFM-SR8D 	M12A-08BMMM-SR8D 	M12A-08BMMM-PR8D 
-	-	-	M12A-08BMMM-SR8E 	M12A-08BMMM-PR8E 
M12A-06BMMM-SR8N 	M12A-06BMMM-PR8N 	M12A-06BFFM-SR8N 	M12A-08BMMM-SR8N 	M12A-08BMMM-PR8N 
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-	-	-	MSAS-08BMMM-SR8E 	MSAS-08BMMM-PR8E 
MSAS-06BMMM-SR8N 	MSAS-06BMMM-PR8N 	MSAS-06BFFM-SR8N 	MSAS-08BMMM-SR8N 	MSAS-08BMMM-PR8N 
SM12A-06BMMM-SR8A 	SM12A-06BMMM-PR8A 	SM12A-06BFFM-SR8A 	SM12A-08BMMM-SR8A 	SM12A-08BMMM-PR8A 
SM12A-06BMMM-SR8B 	SM12A-06BMMM-PR8B 	SM12A-06BFFM-SR8B 	SM12A-08BMMM-SR8B 	SM12A-08BMMM-PR8B 
SM12A-06BMMM-SR8D 	SM12A-06BMMM-PR8D 	SM12A-06BFFM-SR8D 	SM12A-08BMMM-SR8D 	SM12A-08BMMM-PR8D 
-	-	-	SM12A-08BMMM-SR8E 	SM12A-08BMMM-PR8E 
SM12A-06BMMM-SR8N 	SM12A-06BMMM-PR8N 	SM12A-06BFFM-SR8N 	SM12A-08BMMM-SR8N 	SM12A-08BMMM-PR8N 
SMSAS-06BMMM-SR8A 	SMSAS-06BMMM-PR8A 	SMSAS-06BFFM-SR8A 	SMSAS-08BMMM-SR8A 	SMSAS-08BMMM-PR8A 
SMSAS-06BMMM-SR8B 	SMSAS-06BMMM-PR8B 	SMSAS-06BFFM-SR8B 	SMSAS-08BMMM-SR8B 	SMSAS-08BMMM-PR8B 
SMSAS-06BMMM-SR8D 	SMSAS-06BMMM-PR8D 	SMSAS-06BFFM-SR8D 	SMSAS-08BMMM-SR8D 	SMSAS-08BMMM-PR8D 
-	-	-	SMSAS-08BMMM-SR8E 	SMSAS-08BMMM-PR8E 
SMSAS-06BMMM-SR8N 	SMSAS-06BMMM-PR8N 	SMSAS-06BFFM-SR8N 	SMSAS-08BMMM-SR8N 	SMSAS-08BMMM-PR8N 

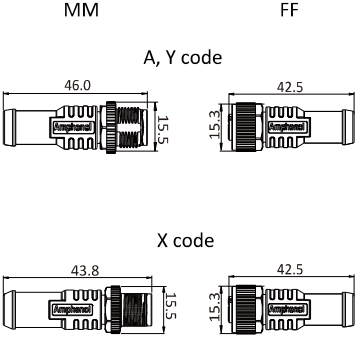
M12 A, X-Code

Screw Threaded (M12 * 1.0) Overmolded Cable

Number of Contacts	8	8
Coding	A	X (CAT.6A)
Rated Voltage (AC/DC)	30V	30V
Nominal current	2A	2A
Pin Assignment	FF	MM
MM : Male Connector Male Contact FF : Female Connector Female Contact		

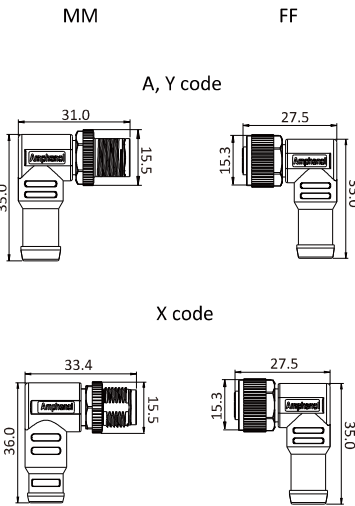
STRAIGHT, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-08BFFM-SL8A ⑩	-
		UL20549, PUR Jacket	MSAP-08BFFM-SL8B ⑩	-
		UL2517, PVC Jacket (Black)	MSAP-08BFFM-SL8D ⑩	-
		Cat. 5e, PUR Jacket	MSAP-08BFFM-SL8E ⑩*	-
		UL20549, High Flex / Bending PUR	MSAP-08BFFM-SL8N ⑩*	-
		UL2517, PVC Jacket (Yellow)	M12A-08BFFM-SL8A ⑩	-
	Metal Nut	UL20549, PUR Jacket	M12A-08BFFM-SL8B ⑩	-
		UL2517, PVC Jacket (Black)	M12A-08BFFM-SL8D ⑩	-
		Cat. 5e, PUR Jacket	M12A-08BFFM-SL8E ⑩*	-
		UL20549, High Flex / Bending PUR	M12A-08BFFM-SL8N ⑩	-
		UL2517, PVC Jacket (Yellow)	MSAS-08BFFM-SL8A ⑩*	-
		UL20549, PUR Jacket	MSAS-08BFFM-SL8B ⑩	-
	Shielded	UL2517, PVC Jacket (Black)	MSAS-08BFFM-SL8D ⑩	-
		Cat. 5e, PUR Jacket	MSAS-08BFFM-SL8E ⑩*	-
		UL20549, High Flex / Bending PUR	MSAS-08BFFM-SL8N ⑩*	MSXS-08BMMM-SL8N ⑩*
		Cat. 6A, PUR Jacket (LSZH)	-	MSXS-08BMMM-SL8X ⑩*
		UL2517, PVC Jacket (Yellow)	SM12A-08BFFM-SL8A ⑩*	-
		UL20549, PUR Jacket	SM12A-08BFFM-SL8B ⑩*	-
	Stainless	UL2517, PVC Jacket (Black)	SM12A-08BFFM-SL8D ⑩	-
		Cat. 5e, PUR Jacket	SM12A-08BFFM-SL8E ⑩*	-
		UL20549, High Flex / Bending PUR	SM12A-08BFFM-SL8N ⑩*	-
		UL2517, PVC Jacket (Yellow)	SMSAS-08BFFM-SL8A ⑩*	-
		UL20549, PUR Jacket	SMSAS-08BFFM-SL8B ⑩*	-
		UL2517, PVC Jacket (Black)	SMSAS-08BFFM-SL8D ⑩*	-
Stainless Shielded	Cat. 5e, PUR Jacket	SMSAS-08BFFM-SL8E ⑩*	-	
	UL20549, High Flex / Bending PUR	SMSAS-08BFFM-SL8N ⑩*	SMSXS-08BMMM-SL8N ⑩*	
	Cat. 6A, PUR Jacket (LSZH)	-	SMSXS-08BMMM-SL8X ⑩*	

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End




















































































⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾


	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-08BFFM-SR8A ⑩	-
		UL20549, PUR Jacket	MSAP-08BFFM-SR8B ⑩	-
		UL2517, PVC Jacket (Black)	MSAP-08BFFM-SR8D ⑩	-
		UL20549, High Flex / Bending PUR	MSAP-08BFFM-SR8N ⑩*	-
		UL2517, PVC Jacket (Yellow)	M12A-08BFFM-SR8A ⑩	-
		UL20549, PUR Jacket	M12A-08BFFM-SR8B ⑩	-
	Metal Nut	UL2517, PVC Jacket (Black)	M12A-08BFFM-SR8D ⑩	-
		Cat. 5e, PUR Jacket	M12A-08BFFM-SR8E ⑩*	-
		UL20549, High Flex / Bending PUR	M12A-08BFFM-SR8N ⑩*	-
		UL2517, PVC Jacket (Yellow)	MSAS-08BFFM-SR8A ⑩*	-
		UL20549, PUR Jacket	MSAS-08BFFM-SR8B ⑩	-
		UL2517, PVC Jacket (Black)	MSAS-08BFFM-SR8D ⑩	-
	Shielded	Cat. 5e, PUR Jacket	MSAS-08BFFM-SR8E ⑩*	-
		UL20549, High Flex / Bending PUR	MSAS-08BFFM-SR8N ⑩*	MSXS-08BMMM-SR8N ⑩*
		Cat. 6A, PUR Jacket (LSZH)	-	MSXS-08BMMM-SR8X ⑩*
		UL2517, PVC Jacket (Yellow)	SM12A-08BFFM-SR8A ⑩*	-
		UL20549, PUR Jacket	SM12A-08BFFM-SR8B ⑩*	-
		UL2517, PVC Jacket (Black)	SM12A-08BFFM-SR8D ⑩*	-
	Stainless	Cat. 5e, PUR Jacket	SM12A-08BFFM-SR8E ⑩*	-
		UL20549, High Flex / Bending PUR	SM12A-08BFFM-SR8N ⑩*	-
		UL2517, PVC Jacket (Yellow)	SMSAS-08BFFM-SR8A ⑩*	-
		UL20549, PUR Jacket	SMSAS-08BFFM-SR8B ⑩*	-
		UL2517, PVC Jacket (Black)	SMSAS-08BFFM-SR8D ⑩*	-
		Cat. 5e, PUR Jacket	SMSAS-08BFFM-SR8E ⑩*	-
Stainless Shielded	UL20549, High Flex / Bending PUR	SMSAS-08BFFM-SR8N ⑩*	SMSXS-08BMMM-SR8N ⑩*	
	Cat. 6A, PUR Jacket (LSZH)	-	SMSXS-08BMMM-SR8X ⑩*	

* Upon Request ¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

M12 A, X, Y-Code

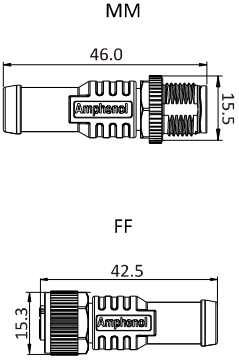
Screw Threaded (M12 * 1.0) Overmolded Cable

8		8		10
X (CAT.6A)		Y (Hybrid)*		A
30V		60V		30V
2A		0.5A / 6A		1.5A
MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)	MM
				
-	-	-	-	MSAP-10BMMM-SL8A 
-	-	-	-	MSAP-10BMMM-SL8B 
-	-	-	-	MSAP-10BMMM-SL8D 
-	-	-	-	-
-	-	-	-	MSAP-10BMMM-SL8N 
-	-	-	-	M12A-10BMMM-SL8A 
-	-	-	-	M12A-10BMMM-SL8B 
-	-	-	-	M12A-10BMMM-SL8D 
-	-	-	-	-
-	-	-	-	M12A-10BMMM-SL8N 
-	-	MSYS-08BMMM-SL8A 	MSYS-08BMMM-PL8A 	MSAS-10BMMM-SL8A 
-	-	MSYS-08BMMM-SL8B 	MSYS-08BMMM-PL8B 	MSAS-10BMMM-SL8B 
-	-	MSYS-08BMMM-SL8D 	MSYS-08BMMM-PL8D 	MSAS-10BMMM-SL8D 
-	-	-	-	-
MSXS-08BMMM-PL8N 	MSXS-08BFFM-SL8N 	-	-	MSAS-10BMMM-SL8N 
MSXS-08BMMM-PL8X 	MSXS-08BFFM-SL8X 	-	-	-
-	-	-	-	SM12A-10BMMM-SL8A 
-	-	-	-	SM12A-10BMMM-SL8B 
-	-	-	-	SM12A-10BMMM-SL8D 
-	-	-	-	-
-	-	-	-	SM12A-10BMMM-SL8N 
-	-	SMSYS-08BMMM-SL8A 	SMSYS-08BMMM-PL8A 	SMSAS-10BMMM-SL8A 
-	-	SMSYS-08BMMM-SL8B 	SMSYS-08BMMM-PL8B 	SMSAS-10BMMM-SL8B 
-	-	SMSYS-08BMMM-SL8D 	SMSYS-08BMMM-PL8D 	SMSAS-10BMMM-SL8D 
-	-	-	-	-
SMSXS-08BMMM-PL8N 	SMSXS-08BFFM-SL8N 	-	-	SMSAS-10BMMM-SL8N 
SMSXS-08BMMM-PL8X 	SMSXS-08BFFM-SL8X 	-	-	-
-	-	-	-	MSAP-10BMMM-SR8A 
-	-	-	-	MSAP-10BMMM-SR8B 
-	-	-	-	MSAP-10BMMM-SR8D 
-	-	-	-	MSAP-10BMMM-SR8N 
-	-	-	-	M12A-10BMMM-SR8A 
-	-	-	-	M12A-10BMMM-SR8B 
-	-	-	-	M12A-10BMMM-SR8D 
-	-	-	-	-
-	-	-	-	M12A-10BMMM-SR8N 
-	-	MSYS-08BMMM-SR8A 	MSYS-08BMMM-PR8A 	MSAS-10BMMM-SR8A 
-	-	MSYS-08BMMM-SR8B 	MSYS-08BMMM-PR8B 	MSAS-10BMMM-SR8B 
-	-	MSYS-08BMMM-SR8D 	MSYS-08BMMM-PR8D 	MSAS-10BMMM-SR8D 
-	-	-	-	-
MSXS-08BMMM-PR8N 	MSXS-08BFFM-SR8N 	-	-	MSAS-10BMMM-SR8N 
MSXS-08BMMM-PR8X 	MSXS-08BFFM-SR8X 	-	-	-
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-	-	-	-	SM12A-10BMMM-SR8B 
-	-	-	-	SM12A-10BMMM-SR8D 
-	-	-	-	-
-	-	-	-	SM12A-10BMMM-SR8N 
-	-	SMSYS-08BMMM-SR8A 	SMSYS-08BMMM-PR8A 	SMSAS-10BMMM-SR8A 
-	-	SMSYS-08BMMM-SR8B 	SMSYS-08BMMM-PR8B 	SMSAS-10BMMM-SR8B 
-	-	SMSYS-08BMMM-SR8D 	SMSYS-08BMMM-PR8D 	SMSAS-10BMMM-SR8D 
-	-	-	-	-
SMSXS-08BMMM-PR8N 	SMSXS-08BFFM-SR8N 	-	-	SMSAS-10BMMM-SR8N 
SMSXS-08BMMM-PR8X 	SMSXS-08BFFM-SR8X 	-	-	-

Number of Contacts	10	
Coding	A	
Rated Voltage (AC/DC)	30V	
Nominal current	1.5A	
Pin Assignment	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact		

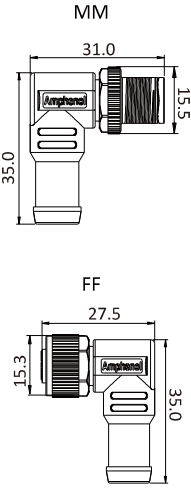
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	-	MSAP-10BFFM-SL8A 10
		UL20549, PUR Jacket	-	MSAP-10BFFM-SL8B 10
		UL2517, PVC Jacket (Black)	-	MSAP-10BFFM-SL8D 10
		UL20549, High Flex / Bending PUR	-	MSAP-10BFFM-SL8N 10*
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A-10BMMM-PL8A 10*	M12A-10BFFM-SL8A 10
		UL20549, PUR Jacket	M12A-10BMMM-PL8B 10*	M12A-10BFFM-SL8B 10
		UL2517, PVC Jacket (Black)	M12A-10BMMM-PL8D 10*	M12A-10BFFM-SL8D 10
		UL20549, High Flex / Bending PUR	M12A-10BMMM-PL8N 10*	M12A-10BFFM-SL8N 10*
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS-10BMMM-PL8A 10*	MSAS-10BFFM-SL8A 10*
		UL20549, PUR Jacket	MSAS-10BMMM-PL8B 10*	MSAS-10BFFM-SL8B 10*
		UL2517, PVC Jacket (Black)	MSAS-10BMMM-PL8D 10*	MSAS-10BFFM-SL8D 10*
		UL20549, High Flex / Bending PUR	MSAS-10BMMM-PL8N 10*	MSAS-10BFFM-SL8N 10*
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A-10BMMM-PL8A 10*	SM12A-10BFFM-SL8A 10*
		UL20549, PUR Jacket	SM12A-10BMMM-PL8B 10*	SM12A-10BFFM-SL8B 10*
		UL2517, PVC Jacket (Black)	SM12A-10BMMM-PL8D 10*	SM12A-10BFFM-SL8D 10*
		UL20549, High Flex / Bending PUR	SM12A-10BMMM-PL8N 10*	SM12A-10BFFM-SL8N 10*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS-10BMMM-PL8A 10*	SMSAS-10BFFM-SL8A 10*
		UL20549, PUR Jacket	SMSAS-10BMMM-PL8B 10*	SMSAS-10BFFM-SL8B 10*
		UL2517, PVC Jacket (Black)	SMSAS-10BMMM-PL8D 10*	SMSAS-10BFFM-SL8D 10*
		UL20549, High Flex / Bending PUR	SMSAS-10BMMM-PL8N 10*	SMSAS-10BFFM-SL8N 10*











































































































































RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End


10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	-	MSAP-10BFFM-SR8A 10
		UL20549, PUR Jacket	-	MSAP-10BFFM-SR8B 10
		UL2517, PVC Jacket (Black)	-	MSAP-10BFFM-SR8D 10
		UL20549, High Flex / Bending PUR	-	MSAP-10BFFM-SR8N 10*
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A-10BMMM-PR8A 10*	M12A-10BFFM-SR8A 10
		UL20549, PUR Jacket	M12A-10BMMM-PR8B 10*	M12A-10BFFM-SR8B 10
		UL2517, PVC Jacket (Black)	M12A-10BMMM-PR8D 10*	M12A-10BFFM-SR8D 10
		UL20549, High Flex / Bending PUR	M12A-10BMMM-PR8N 10*	M12A-10BFFM-SR8N 10*
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS-10BMMM-PR8A 10*	MSAS-10BFFM-SR8A 10*
		UL20549, PUR Jacket	MSAS-10BMMM-PR8B 10*	MSAS-10BFFM-SR8B 10*
		UL2517, PVC Jacket (Black)	MSAS-10BMMM-PR8D 10*	MSAS-10BFFM-SR8D 10*
		UL20549, High Flex / Bending PUR	MSAS-10BMMM-PR8N 10*	MSAS-10BFFM-SR8N 10*
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A-10BMMM-PR8A 10*	SM12A-10BFFM-SR8A 10*
		UL20549, PUR Jacket	SM12A-10BMMM-PR8B 10*	SM12A-10BFFM-SR8B 10*
		UL2517, PVC Jacket (Black)	SM12A-10BMMM-PR8D 10*	SM12A-10BFFM-SR8D 10*
		UL20549, High Flex / Bending PUR	SM12A-10BMMM-PR8N 10*	SM12A-10BFFM-SR8N 10*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS-10BMMM-PR8A 10*	SMSAS-10BFFM-SR8A 10*
		UL20549, PUR Jacket	SMSAS-10BMMM-PR8B 10*	SMSAS-10BFFM-SR8B 10*
		UL2517, PVC Jacket (Black)	SMSAS-10BMMM-PR8D 10*	SMSAS-10BFFM-SR8D 10*
		UL20549, High Flex / Bending PUR	SMSAS-10BMMM-PR8N 10*	SMSAS-10BFFM-SR8N 10*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

12			17	
A			A	
30V			30V	
1.5A			1.5A	
MM	MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)
				
MSAP-12BMMM-SL8A 	-	MSAP-12BFFM-SL8A 	MSAP-17BMMM-SL8A 	-
MSAP-12BMMM-SL8B 	-	MSAP-12BFFM-SL8B 	MSAP-17BMMM-SL8B 	-
MSAP-12BMMM-SL8D 	-	MSAP-12BFFM-SL8D 	MSAP-17BMMM-SL8D 	-
MSAP-12BMMM-SL8N 	-	MSAP-12BFFM-SL8N 	MSAP-17BMMM-SL8N 	-
M12A-12BMMM-SL8A 	M12A-12BMMM-PL8A 	M12A-12BFFM-SL8A 	M12A-17BMMM-SL8A 	M12A-17BMMM-PL8A 
M12A-12BMMM-SL8B 	M12A-12BMMM-PL8B 	M12A-12BFFM-SL8B 	M12A-17BMMM-SL8B 	M12A-17BMMM-PL8B 
M12A-12BMMM-SL8D 	M12A-12BMMM-PL8D 	M12A-12BFFM-SL8D 	M12A-17BMMM-SL8D 	M12A-17BMMM-PL8D 
M12A-12BMMM-SL8N 	M12A-12BMMM-PL8N 	M12A-12BFFM-SL8N 	M12A-17BMMM-SL8N 	M12A-17BMMM-PL8N 
MSAS-12BMMM-SL8A 	MSAS-12BMMM-PL8A 	MSAS-12BFFM-SL8A 	MSAS-17BMMM-SL8A 	MSAS-17BMMM-PL8A 
MSAS-12BMMM-SL8B 	MSAS-12BMMM-PL8B 	MSAS-12BFFM-SL8B 	MSAS-17BMMM-SL8B 	MSAS-17BMMM-PL8B 
MSAS-12BMMM-SL8D 	MSAS-12BMMM-PL8D 	MSAS-12BFFM-SL8D 	MSAS-17BMMM-SL8D 	MSAS-17BMMM-PL8D 
MSAS-12BMMM-SL8N 	MSAS-12BMMM-PL8N 	MSAS-12BFFM-SL8N 	MSAS-17BMMM-SL8N 	MSAS-17BMMM-PL8N 
SM12A-12BMMM-SL8A 	SM12A-12BMMM-PL8A 	SM12A-12BFFM-SL8A 	SM12A-17BMMM-SL8A 	SM12A-17BMMM-PL8A 
SM12A-12BMMM-SL8B 	SM12A-12BMMM-PL8B 	SM12A-12BFFM-SL8B 	SM12A-17BMMM-SL8B 	SM12A-17BMMM-PL8B 
SM12A-12BMMM-SL8D 	SM12A-12BMMM-PL8D 	SM12A-12BFFM-SL8D 	SM12A-17BMMM-SL8D 	SM12A-17BMMM-PL8D 
SM12A-12BMMM-SL8N 	SM12A-12BMMM-PL8N 	SM12A-12BFFM-SL8N 	SM12A-17BMMM-SL8N 	SM12A-17BMMM-PL8N 
SMSAS-12BMMM-SL8A 	SMSAS-12BMMM-PL8A 	SMSAS-12BFFM-SL8A 	SMSAS-17BMMM-SL8A 	SMSAS-17BMMM-PL8A 
SMSAS-12BMMM-SL8B 	SMSAS-12BMMM-PL8B 	SMSAS-12BFFM-SL8B 	SMSAS-17BMMM-SL8B 	SMSAS-17BMMM-PL8B 
SMSAS-12BMMM-SL8D 	SMSAS-12BMMM-PL8D 	SMSAS-12BFFM-SL8D 	SMSAS-17BMMM-SL8D 	SMSAS-17BMMM-PL8D 
SMSAS-12BMMM-SL8N 	SMSAS-12BMMM-PL8N 	SMSAS-12BFFM-SL8N 	SMSAS-17BMMM-SL8N 	SMSAS-17BMMM-PL8N 
MSAP-12BMMM-SR8A 	-	MSAP-12BFFM-SR8A 	MSAP-17BMMM-SR8A 	-
MSAP-12BMMM-SR8B 	-	MSAP-12BFFM-SR8B 	MSAP-17BMMM-SR8B 	-
MSAP-12BMMM-SR8D 	-	MSAP-12BFFM-SR8D 	MSAP-17BMMM-SR8D 	-
MSAP-12BMMM-SR8N 	-	MSAP-12BFFM-SR8N 	MSAP-17BMMM-SR8N 	-
M12A-12BMMM-SR8A 	M12A-12BMMM-PR8A 	M12A-12BFFM-SR8A 	M12A-17BMMM-SR8A 	M12A-17BMMM-PR8A 
M12A-12BMMM-SR8B 	M12A-12BMMM-PR8B 	M12A-12BFFM-SR8B 	M12A-17BMMM-SR8B 	M12A-17BMMM-PR8B 
M12A-12BMMM-SR8D 	M12A-12BMMM-PR8D 	M12A-12BFFM-SR8D 	M12A-17BMMM-SR8D 	M12A-17BMMM-PR8D 
M12A-12BMMM-SR8N 	M12A-12BMMM-PR8N 	M12A-12BFFM-SR8N 	M12A-17BMMM-SR8N 	M12A-17BMMM-PR8N 
MSAS-12BMMM-SR8A 	MSAS-12BMMM-PR8A 	MSAS-12BFFM-SR8A 	MSAS-17BMMM-SR8A 	MSAS-17BMMM-PR8A 
MSAS-12BMMM-SR8B 	MSAS-12BMMM-PR8B 	MSAS-12BFFM-SR8B 	MSAS-17BMMM-SR8B 	MSAS-17BMMM-PR8B 
MSAS-12BMMM-SR8D 	MSAS-12BMMM-PR8D 	MSAS-12BFFM-SR8D 	MSAS-17BMMM-SR8D 	MSAS-17BMMM-PR8D 
MSAS-12BMMM-SR8N 	MSAS-12BMMM-PR8N 	MSAS-12BFFM-SR8N 	MSAS-17BMMM-SR8N 	MSAS-17BMMM-PR8N 
SM12A-12BMMM-SR8A 	SM12A-12BMMM-PR8A 	SM12A-12BFFM-SR8A 	SM12A-17BMMM-SR8A 	SM12A-17BMMM-PR8A 
SM12A-12BMMM-SR8B 	SM12A-12BMMM-PR8B 	SM12A-12BFFM-SR8B 	SM12A-17BMMM-SR8B 	SM12A-17BMMM-PR8B 
SM12A-12BMMM-SR8D 	SM12A-12BMMM-PR8D 	SM12A-12BFFM-SR8D 	SM12A-17BMMM-SR8D 	SM12A-17BMMM-PR8D 
SM12A-12BMMM-SR8N 	SM12A-12BMMM-PR8N 	SM12A-12BFFM-SR8N 	SM12A-17BMMM-SR8N 	SM12A-17BMMM-PR8N 
SMSAS-12BMMM-SR8A 	SMSAS-12BMMM-PR8A 	SMSAS-12BFFM-SR8A 	SMSAS-17BMMM-SR8A 	SMSAS-17BMMM-PR8A 
SMSAS-12BMMM-SR8B 	SMSAS-12BMMM-PR8B 	SMSAS-12BFFM-SR8B 	SMSAS-17BMMM-SR8B 	SMSAS-17BMMM-PR8B 
SMSAS-12BMMM-SR8D 	SMSAS-12BMMM-PR8D 	SMSAS-12BFFM-SR8D 	SMSAS-17BMMM-SR8D 	SMSAS-17BMMM-PR8D 
SMSAS-12BMMM-SR8N 	SMSAS-12BMMM-PR8N 	SMSAS-12BFFM-SR8N 	SMSAS-17BMMM-SR8N 	SMSAS-17BMMM-PR8N 

Number of Contacts	17
Coding	A
Rated Voltage (AC/DC)	30V
Nominal current	1.5A
Pin Assignment	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact	

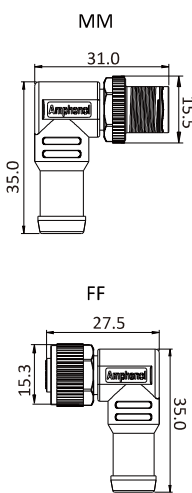
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-17BFFM-SL8A 10 *
		UL20549, PUR Jacket	MSAP-17BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	MSAP-17BFFM-SL8D 10 *
		UL20549, High Flex / Bending PUR	MSAP-17BFFM-SL8N 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A-17BFFM-SL8A 10
		UL20549, PUR Jacket	M12A-17BFFM-SL8B 10
		UL2517, PVC Jacket (Black)	M12A-17BFFM-SL8D 10
		UL20549, High Flex / Bending PUR	M12A-17BFFM-SL8N 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS-17BFFM-SL8A 10 *
		UL20549, PUR Jacket	MSAS-17BFFM-SL8B 10
		UL2517, PVC Jacket (Black)	MSAS-17BFFM-SL8D 10
		UL20549, High Flex / Bending PUR	MSAS-17BFFM-SL8N 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A-17BFFM-SL8A 10 *
		UL20549, PUR Jacket	SM12A-17BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	SM12A-17BFFM-SL8D 10 *
		UL20549, High Flex / Bending PUR	SM12A-17BFFM-SL8N 10 *
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS-17BFFM-SL8A 10 *	
	UL20549, PUR Jacket	SMSAS-17BFFM-SL8B 10 *	
	UL2517, PVC Jacket (Black)	SMSAS-17BFFM-SL8D 10 *	
	UL20549, High Flex / Bending PUR	SMSAS-17BFFM-SL8N 10 *	



























































































































































































RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End



10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-17BFFM-SR8A 10 *
		UL20549, PUR Jacket	MSAP-17BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	MSAP-17BFFM-SR8D 10 *
		UL20549, High Flex / Bending PUR	MSAP-17BFFM-SR8N 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A-17BFFM-SR8A 10 *
		UL20549, PUR Jacket	M12A-17BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	M12A-17BFFM-SR8D 10 *
		UL20549, High Flex / Bending PUR	M12A-17BFFM-SR8N 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS-17BFFM-SR8A 10 *
		UL20549, PUR Jacket	MSAS-17BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	MSAS-17BFFM-SR8D 10 *
		UL20549, High Flex / Bending PUR	MSAS-17BFFM-SR8N 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A-17BFFM-SR8A 10 *
		UL20549, PUR Jacket	SM12A-17BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	SM12A-17BFFM-SR8D 10 *
		UL20549, High Flex / Bending PUR	SM12A-17BFFM-SR8N 10 *
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS-17BFFM-SR8A 10 *	
	UL20549, PUR Jacket	SMSAS-17BFFM-SR8B 10 *	
	UL2517, PVC Jacket (Black)	SMSAS-17BFFM-SR8D 10 *	
	UL20549, High Flex / Bending PUR	SMSAS-17BFFM-SR8N 10 *	

* Upon Request

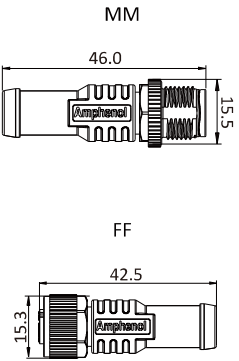
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

18			24	
A			A	
30V			30V	
0.5A			0.5A	
MM	MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)
				
MSAP-18BMMM-SL8A  *	-	MSAP-18BFFM-SL8A  *	MSAP-24BMMM-SL8A  *	-
MSAP-18BMMM-SL8B  *	-	MSAP-18BFFM-SL8B  *	MSAP-24BMMM-SL8B  *	-
MSAP-18BMMM-SL8D  *	-	MSAP-18BFFM-SL8D  *	MSAP-24BMMM-SL8D  *	-
MSAP-18BMMM-SL8N  *	-	MSAP-18BFFM-SL8N  *	MSAP-24BMMM-SL8N  *	-
M12A-18BMMM-SL8A  *	M12A-18BMMM-PL8A  *	M12A-18BFFM-SL8A  *	M12A-24BMMM-SL8A  *	M12A-24BMMM-PL8A  *
M12A-18BMMM-SL8B  *	M12A-18BMMM-PL8B  *	M12A-18BFFM-SL8B  *	M12A-24BMMM-SL8B  *	M12A-24BMMM-PL8B  *
M12A-18BMMM-SL8D  *	M12A-18BMMM-PL8D  *	M12A-18BFFM-SL8D  *	M12A-24BMMM-SL8D  *	M12A-24BMMM-PL8D  *
M12A-18BMMM-SL8N  *	M12A-18BMMM-PL8N  *	M12A-18BFFM-SL8N  *	M12A-24BMMM-SL8N  *	M12A-24BMMM-PL8N  *
MSAS-18BMMM-SL8A  *	MSAS-18BMMM-PL8A  *	MSAS-18BFFM-SL8A  *	MSAS-24BMMM-SL8A  *	MSAS-24BMMM-PL8A  *
MSAS-18BMMM-SL8B  *	MSAS-18BMMM-PL8B  *	MSAS-18BFFM-SL8B  *	MSAS-24BMMM-SL8B  *	MSAS-24BMMM-PL8B  *
MSAS-18BMMM-SL8D  *	MSAS-18BMMM-PL8D  *	MSAS-18BFFM-SL8D  *	MSAS-24BMMM-SL8D  *	MSAS-24BMMM-PL8D  *
MSAS-18BMMM-SL8N  *	MSAS-18BMMM-PL8N  *	MSAS-18BFFM-SL8N  *	MSAS-24BMMM-SL8N  *	MSAS-24BMMM-PL8N  *
SM12A-18BMMM-SL8A  *	SM12A-18BMMM-PL8A  *	SM12A-18BFFM-SL8A  *	SM12A-24BMMM-SL8A  *	SM12A-24BMMM-PL8A  *
SM12A-18BMMM-SL8B  *	SM12A-18BMMM-PL8B  *	SM12A-18BFFM-SL8B  *	SM12A-24BMMM-SL8B  *	SM12A-24BMMM-PL8B  *
SM12A-18BMMM-SL8D  *	SM12A-18BMMM-PL8D  *	SM12A-18BFFM-SL8D  *	SM12A-24BMMM-SL8D  *	SM12A-24BMMM-PL8D  *
SM12A-18BMMM-SL8N  *	SM12A-18BMMM-PL8N  *	SM12A-18BFFM-SL8N  *	SM12A-24BMMM-SL8N  *	SM12A-24BMMM-PL8N  *
SMSAS-18BMMM-SL8A  *	SMSAS-18BMMM-PL8A  *	SMSAS-18BFFM-SL8A  *	SMSAS-24BMMM-SL8A  *	SMSAS-24BMMM-PL8A  *
SMSAS-18BMMM-SL8B  *	SMSAS-18BMMM-PL8B  *	SMSAS-18BFFM-SL8B  *	SMSAS-24BMMM-SL8B  *	SMSAS-24BMMM-PL8B  *
SMSAS-18BMMM-SL8D  *	SMSAS-18BMMM-PL8D  *	SMSAS-18BFFM-SL8D  *	SMSAS-24BMMM-SL8D  *	SMSAS-24BMMM-PL8D  *
SMSAS-18BMMM-SL8N  *	SMSAS-18BMMM-PL8N  *	SMSAS-18BFFM-SL8N  *	SMSAS-24BMMM-SL8N  *	SMSAS-24BMMM-PL8N  *
MSAP-18BMMM-SR8A  *	-	MSAP-18BFFM-SR8A  *	MSAP-24BMMM-SR8A  *	-
MSAP-18BMMM-SR8B  *	-	MSAP-18BFFM-SR8B  *	MSAP-24BMMM-SR8B  *	-
MSAP-18BMMM-SR8D  *	-	MSAP-18BFFM-SR8D  *	MSAP-24BMMM-SR8D  *	-
MSAP-18BMMM-SR8N  *	-	MSAP-18BFFM-SR8N  *	MSAP-24BMMM-SR8N  *	-
M12A-18BMMM-SR8A  *	M12A-18BMMM-PR8A  *	M12A-18BFFM-SR8A  *	M12A-24BMMM-SR8A  *	M12A-24BMMM-PR8A  *
M12A-18BMMM-SR8B  *	M12A-18BMMM-PR8B  *	M12A-18BFFM-SR8B  *	M12A-24BMMM-SR8B  *	M12A-24BMMM-PR8B  *
M12A-18BMMM-SR8D  *	M12A-18BMMM-PR8D  *	M12A-18BFFM-SR8D  *	M12A-24BMMM-SR8D  *	M12A-24BMMM-PR8D  *
M12A-18BMMM-SR8N  *	M12A-18BMMM-PR8N  *	M12A-18BFFM-SR8N  *	M12A-24BMMM-SR8N  *	M12A-24BMMM-PR8N  *
MSAS-18BMMM-SR8A  *	MSAS-18BMMM-PR8A  *	MSAS-18BFFM-SR8A  *	MSAS-24BMMM-SR8A  *	MSAS-24BMMM-PR8A  *
MSAS-18BMMM-SR8B  *	MSAS-18BMMM-PR8B  *	MSAS-18BFFM-SR8B  *	MSAS-24BMMM-SR8B  *	MSAS-24BMMM-PR8B  *
MSAS-18BMMM-SR8D  *	MSAS-18BMMM-PR8D  *	MSAS-18BFFM-SR8D  *	MSAS-24BMMM-SR8D  *	MSAS-24BMMM-PR8D  *
MSAS-18BMMM-SR8N  *	MSAS-18BMMM-PR8N  *	MSAS-18BFFM-SR8N  *	MSAS-24BMMM-SR8N  *	MSAS-24BMMM-PR8N  *
SM12A-18BMMM-SR8A  *	SM12A-18BMMM-PR8A  *	SM12A-18BFFM-SR8A  *	SM12A-24BMMM-SR8A  *	SM12A-24BMMM-PR8A  *
SM12A-18BMMM-SR8B  *	SM12A-18BMMM-PR8B  *	SM12A-18BFFM-SR8B  *	SM12A-24BMMM-SR8B  *	SM12A-24BMMM-PR8B  *
SM12A-18BMMM-SR8D  *	SM12A-18BMMM-PR8D  *	SM12A-18BFFM-SR8D  *	SM12A-24BMMM-SR8D  *	SM12A-24BMMM-PR8D  *
SM12A-18BMMM-SR8N  *	SM12A-18BMMM-PR8N  *	SM12A-18BFFM-SR8N  *	SM12A-24BMMM-SR8N  *	SM12A-24BMMM-PR8N  *
SMSAS-18BMMM-SR8A  *	SMSAS-18BMMM-PR8A  *	SMSAS-18BFFM-SR8A  *	SMSAS-24BMMM-SR8A  *	SMSAS-24BMMM-PR8A  *
SMSAS-18BMMM-SR8B  *	SMSAS-18BMMM-PR8B  *	SMSAS-18BFFM-SR8B  *	SMSAS-24BMMM-SR8B  *	SMSAS-24BMMM-PR8B  *
SMSAS-18BMMM-SR8D  *	SMSAS-18BMMM-PR8D  *	SMSAS-18BFFM-SR8D  *	SMSAS-24BMMM-SR8D  *	SMSAS-24BMMM-PR8D  *
SMSAS-18BMMM-SR8N  *	SMSAS-18BMMM-PR8N  *	SMSAS-18BFFM-SR8N  *	SMSAS-24BMMM-SR8N  *	SMSAS-24BMMM-PR8N  *

Number of Contacts	24	28		
Coding	A	A		
Rated Voltage (AC/DC)	30V	30V		
Nominal current	0.5A	0.5A		
Pin Assignment	FF	MM	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact				



STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-24BFFM-SL8A 10 *	MSAP-28BMMM-SL8A 10 *	-	MSAP-28BFFM-SL8A 10 *	
		UL20549, PUR Jacket	MSAP-24BFFM-SL8B 10 *	MSAP-28BMMM-SL8B 10 *	-	MSAP-28BFFM-SL8B 10 *	
		UL2517, PVC Jacket (Black)	MSAP-24BFFM-SL8D 10 *	MSAP-28BMMM-SL8D 10 *	-	MSAP-28BFFM-SL8D 10 *	
		UL20549, High Flex / Bending PUR	MSAP-24BFFM-SL8N 10 *	MSAP-28BMMM-SL8N 10 *	-	MSAP-28BFFM-SL8N 10 *	
		Metal Nut	UL2517, PVC Jacket (Yellow)	M12A-24BFFM-SL8A 10 *	M12A-28BMMM-SL8A 10 *	M12A-28BMMM-PL8A 10 *	M12A-28BFFM-SL8A 10 *
			UL20549, PUR Jacket	M12A-24BFFM-SL8B 10 *	M12A-28BMMM-SL8B 10 *	M12A-28BMMM-PL8B 10 *	M12A-28BFFM-SL8B 10 *
	UL2517, PVC Jacket (Black)		M12A-24BFFM-SL8D 10 *	M12A-28BMMM-SL8D 10 *	M12A-28BMMM-PL8D 10 *	M12A-28BFFM-SL8D 10 *	
	Shielded	UL20549, High Flex / Bending PUR	M12A-24BFFM-SL8N 10 *	M12A-28BMMM-SL8N 10 *	M12A-28BMMM-PL8N 10 *	M12A-28BFFM-SL8N 10 *	
		UL2517, PVC Jacket (Yellow)	MSAS-24BFFM-SL8A 10 *	MSAS-28BMMM-SL8A 10 *	MSAS-28BMMM-PL8A 10 *	MSAS-28BFFM-SL8A 10 *	
		UL20549, PUR Jacket	MSAS-24BFFM-SL8B 10 *	MSAS-28BMMM-SL8B 10 *	MSAS-28BMMM-PL8B 10 *	MSAS-28BFFM-SL8B 10 *	
		UL2517, PVC Jacket (Black)	MSAS-24BFFM-SL8D 10 *	MSAS-28BMMM-SL8D 10 *	MSAS-28BMMM-PL8D 10 *	MSAS-28BFFM-SL8D 10 *	
		Shielded	UL20549, High Flex / Bending PUR	MSAS-24BFFM-SL8N 10 *	MSAS-28BMMM-SL8N 10 *	MSAS-28BMMM-PL8N 10 *	MSAS-28BFFM-SL8N 10 *

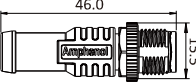
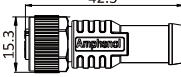
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	24	28		
Coding	A	A		
Rated Voltage (AC/DC)	30V	30V		
Nominal current	0.5A	0.5A		
Pin Assignment	FF	MM	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact				

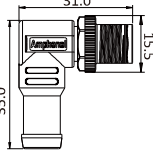
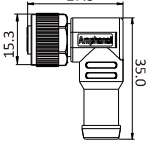
STRAIGHT, Overmolded Cable Assembly, Free Cable End



10 Cable Length: (01) 1M ~ (99) 99M¹⁾

 	Stainless	UL2517, PVC Jacket (Yellow)	SM12A-24BFFM-SL8A 10 *	SM12A-28BMMM-SL8A 10 *	SM12A-28BMMM-PL8A 10 *	SM12A-28BFFM-SL8A 10 *
		UL20549, PUR Jacket	SM12A-24BFFM-SL8B 10 *	SM12A-28BMMM-SL8B 10 *	SM12A-28BMMM-PL8B 10 *	SM12A-28BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	SM12A-24BFFM-SL8D 10 *	SM12A-28BMMM-SL8D 10 *	SM12A-28BMMM-PL8D 10 *	SM12A-28BFFM-SL8D 10 *
		UL20549, High Flex / Bending PUR	SM12A-24BFFM-SL8N 10 *	SM12A-28BMMM-SL8N 10 *	SM12A-28BMMM-PL8N 10 *	SM12A-28BFFM-SL8N 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS-24BFFM-SL8A 10 *	SMSAS-28BMMM-SL8A 10 *	SMSAS-28BMMM-PL8A 10 *	SMSAS-28BFFM-SL8A 10 *
		UL20549, PUR Jacket	SMSAS-24BFFM-SL8B 10 *	SMSAS-28BMMM-SL8B 10 *	SMSAS-28BMMM-PL8B 10 *	SMSAS-28BFFM-SL8B 10 *
		UL2517, PVC Jacket (Black)	SMSAS-24BFFM-SL8D 10 *	SMSAS-28BMMM-SL8D 10 *	SMSAS-28BMMM-PL8D 10 *	SMSAS-28BFFM-SL8D 10 *
		UL20549, High Flex / Bending PUR	SMSAS-24BFFM-SL8N 10 *	SMSAS-28BMMM-SL8N 10 *	SMSAS-28BMMM-PL8N 10 *	SMSAS-28BFFM-SL8N 10 *

RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

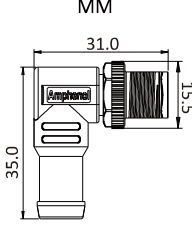
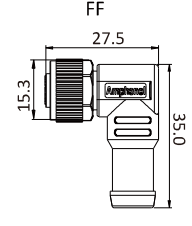
10 Cable Length: (01) 1M ~ (99) 99M¹⁾

 	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP-24BFFM-SR8A 10 *	MSAP-28BMMM-SR8A 10 *	-	MSAP-28BFFM-SR8A 10 *
		UL20549, PUR Jacket	MSAP-24BFFM-SR8B 10 *	MSAP-28BMMM-SR8B 10 *	-	MSAP-28BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	MSAP-24BFFM-SR8D 10 *	MSAP-28BMMM-SR8D 10 *	-	MSAP-28BFFM-SR8D 10 *
		UL20549, High Flex / Bending PUR	MSAP-24BFFM-SR8N 10 *	MSAP-28BMMM-SR8N 10 *	-	MSAP-28BFFM-SR8N 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A-24BFFM-SR8A 10 *	M12A-28BMMM-SR8A 10 *	M12A-28BMMM-PR8A 10 *	M12A-28BFFM-SR8A 10 *
		UL20549, PUR Jacket	M12A-24BFFM-SR8B 10 *	M12A-28BMMM-SR8B 10 *	M12A-28BMMM-PR8B 10 *	M12A-28BFFM-SR8B 10 *
		UL2517, PVC Jacket (Black)	M12A-24BFFM-SR8D 10 *	M12A-28BMMM-SR8D 10 *	M12A-28BMMM-PR8D 10 *	M12A-28BFFM-SR8D 10 *
		UL20549, High Flex / Bending PUR	M12A-24BFFM-SR8N 10 *	M12A-28BMMM-SR8N 10 *	M12A-28BMMM-PR8N 10 *	M12A-28BFFM-SR8N 10 *

Number of Contacts	24	28		
Coding	A	A		
Rated Voltage (AC/DC)	30V	30V		
Nominal current	0.5A	0.5A		
Pin Assignment	FF	MM	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact				


RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

 	Shielded	UL2517, PVC Jacket (Yellow)	MSAS-24BFFM-SR8A 10 *	MSAS-28BMMM-SR8A 10 *	MSAS-28BMMM-PR8A 10 *	MSAS-28BFFM-SR8A 10 *	
		UL20549, PUR Jacket	MSAS-24BFFM-SR8B 10 *	MSAS-28BMMM-SR8B 10 *	MSAS-28BMMM-PR8B 10 *	MSAS-28BFFM-SR8B 10 *	
		UL2517, PVC Jacket (Black)	MSAS-24BFFM-SR8D 10 *	MSAS-28BMMM-SR8D 10 *	MSAS-28BMMM-PR8D 10 *	MSAS-28BFFM-SR8D 10 *	
		UL20549, High Flex / Bending PUR	MSAS-24BFFM-SR8N 10 *	MSAS-28BMMM-SR8N 10 *	MSAS-28BMMM-PR8N 10 *	MSAS-28BFFM-SR8N 10 *	
		Stainless	UL2517, PVC Jacket (Yellow)	SM12A-24BFFM-SR8A 10 *	SM12A-28BMMM-SR8A 10 *	SM12A-28BMMM-PR8A 10 *	SM12A-28BFFM-SR8A 10 *
			UL20549, PUR Jacket	SM12A-24BFFM-SR8B 10 *	SM12A-28BMMM-SR8B 10 *	SM12A-28BMMM-PR8B 10 *	SM12A-28BFFM-SR8B 10 *
	UL2517, PVC Jacket (Black)		SM12A-24BFFM-SR8D 10 *	SM12A-28BMMM-SR8D 10 *	SM12A-28BMMM-PR8D 10 *	SM12A-28BFFM-SR8D 10 *	
	Stainless Shielded	UL20549, High Flex / Bending PUR	SM12A-24BFFM-SR8N 10 *	SM12A-28BMMM-SR8N 10 *	SM12A-28BMMM-PR8N 10 *	SM12A-28BFFM-SR8N 10 *	
		UL2517, PVC Jacket (Yellow)	SMSAS-24BFFM-SR8A 10 *	SMSAS-28BMMM-SR8A 10 *	SMSAS-28BMMM-PR8A 10 *	SMSAS-28BFFM-SR8A 10 *	
		UL20549, PUR Jacket	SMSAS-24BFFM-SR8B 10 *	SMSAS-28BMMM-SR8B 10 *	SMSAS-28BMMM-PR8B 10 *	SMSAS-28BFFM-SR8B 10 *	
		UL2517, PVC Jacket (Black)	SMSAS-24BFFM-SR8D 10 *	SMSAS-28BMMM-SR8D 10 *	SMSAS-28BMMM-PR8D 10 *	SMSAS-28BFFM-SR8D 10 *	
		High Flex / Bending PUR	UL20549, High Flex / Bending PUR	SMSAS-24BFFM-SR8N 10 *	SMSAS-28BMMM-SR8N 10 *	SMSAS-28BMMM-PR8N 10 *	SMSAS-28BFFM-SR8N 10 *

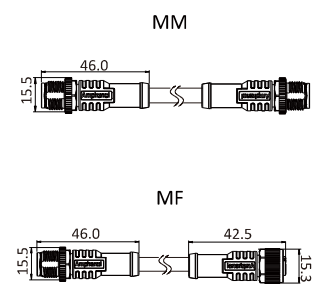
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	3	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	MM	MF
MM: Male Connector Male Contact MF: Male Connector Female Contact		

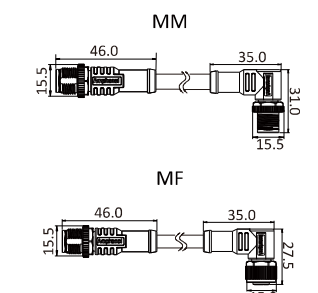
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly


⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP03ML-SAPML-SA ⑩*	MSAP03ML-SAPFL-SA ⑩*
		UL20549, PUR Jacket	MSAP03ML-SAPML-SB ⑩	MSAP03ML-SAPFL-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP03ML-SAPML-SD ⑩	MSAP03ML-SAPFL-SD ⑩
		UL20549, High Flex / Bending PUR	MSAP03ML-SAPML-SN ⑩*	MSAP03ML-SAPFL-SN ⑩*
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A03ML-12AML-SA ⑩*	M12A03ML-12AFL-SA ⑩*
		UL20549, PUR Jacket	M12A03ML-12AML-SB ⑩	M12A03ML-12AFL-SB ⑩
		UL2517, PVC Jacket (Black)	M12A03ML-12AML-SD ⑩	M12A03ML-12AFL-SD ⑩
		UL20549, High Flex / Bending PUR	M12A03ML-12AML-SN ⑩*	M12A03ML-12AFL-SN ⑩*
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS03ML-SASML-SA ⑩*	MSAS03ML-SASFL-SA ⑩*
		UL20549, PUR Jacket	MSAS03ML-SASML-SB ⑩*	MSAS03ML-SASFL-SB ⑩*
		UL2517, PVC Jacket (Black)	MSAS03ML-SASML-SD ⑩*	MSAS03ML-SASFL-SD ⑩*
		UL20549, High Flex / Bending PUR	MSAS03ML-SASML-SN ⑩*	MSAS03ML-SASFL-SN ⑩*
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A03ML-12AML-SA ⑩*	SM12A03ML-12AFL-SA ⑩*
		UL20549, PUR Jacket	SM12A03ML-12AML-SB ⑩*	SM12A03ML-12AFL-SB ⑩*
		UL2517, PVC Jacket (Black)	SM12A03ML-12AML-SD ⑩*	SM12A03ML-12AFL-SD ⑩*
		UL20549, High Flex / Bending PUR	SM12A03ML-12AML-SN ⑩*	SM12A03ML-12AFL-SN ⑩*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS03ML-SASML-SA ⑩*	SMSAS03ML-SASFL-SA ⑩*
		UL20549, PUR Jacket	SMSAS03ML-SASML-SB ⑩*	SMSAS03ML-SASFL-SB ⑩*
UL2517, PVC Jacket (Black)		SMSAS03ML-SASML-SD ⑩*	SMSAS03ML-SASFL-SD ⑩*	
UL20549, High Flex / Bending PUR		SMSAS03ML-SASML-SN ⑩*	SMSAS03ML-SASFL-SN ⑩*	

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

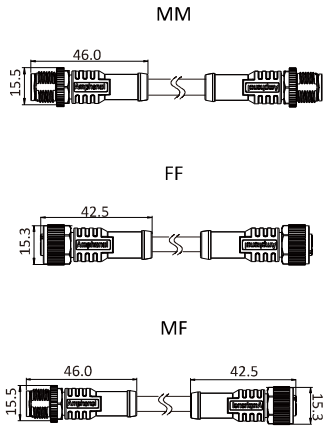
⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP03ML-SAPMR-SA ⑩*	MSAP03ML-SAPFR-SA ⑩*
		UL20549, PUR Jacket	MSAP03ML-SAPMR-SB ⑩	MSAP03ML-SAPFR-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP03ML-SAPMR-SD ⑩	MSAP03ML-SAPFR-SD ⑩
		UL20549, High Flex / Bending PUR	MSAP03ML-SAPMR-SN ⑩*	MSAP03ML-SAPFR-SN ⑩*
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A03ML-12AMR-SA ⑩*	M12A03ML-12AFR-SA ⑩*
		UL20549, PUR Jacket	M12A03ML-12AMR-SB ⑩	M12A03ML-12AFR-SB ⑩
		UL2517, PVC Jacket (Black)	M12A03ML-12AMR-SD ⑩	M12A03ML-12AFR-SD ⑩
		UL20549, High Flex / Bending PUR	M12A03ML-12AMR-SN ⑩*	M12A03ML-12AFR-SN ⑩*
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS03ML-SASMR-SA ⑩*	MSAS03ML-SASFR-SA ⑩*
		UL20549, PUR Jacket	MSAS03ML-SASMR-SB ⑩*	MSAS03ML-SASFR-SB ⑩*
		UL2517, PVC Jacket (Black)	MSAS03ML-SASMR-SD ⑩*	MSAS03ML-SASFR-SD ⑩*
		UL20549, High Flex / Bending PUR	MSAS03ML-SASMR-SN ⑩*	MSAS03ML-SASFR-SN ⑩*

Number of Contacts	3	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	FM	MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

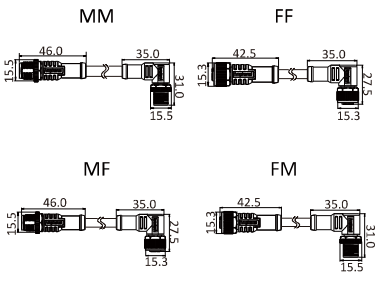
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	-	-
		UL20549, PUR Jacket	-	-
		UL2517, PVC Jacket (Black)	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	-	M12A03ML-12AML-PA ⑩*
		UL20549, PUR Jacket	-	M12A03ML-12AML-PB ⑩*
		UL2517, PVC Jacket (Black)	-	M12A03ML-12AML-PD ⑩*
		UL20549, High Flex / Bending PUR	-	M12A03ML-SAPML-PN ⑩*
	Shielded	UL2517, PVC Jacket (Yellow)	-	MSAS03ML-SASML-PA ⑩*
		UL20549, PUR Jacket	-	MSAS03ML-SASML-PB ⑩*
		UL2517, PVC Jacket (Black)	-	MSAS03ML-SASML-PD ⑩*
		UL20549, High Flex / Bending PUR	-	MSAS03ML-SASML-PN ⑩*
Stainless	UL2517, PVC Jacket (Yellow)	-	SM12A03ML-12AML-PA ⑩*	
	UL20549, PUR Jacket	-	SM12A03ML-12AML-PB ⑩*	
	UL2517, PVC Jacket (Black)	-	SM12A03ML-12AML-PD ⑩*	
	UL20549, High Flex / Bending PUR	-	SM12A03ML-SAPML-PN ⑩*	
Stainless Shielded	UL2517, PVC Jacket (Yellow)	-	SMSAS03ML-SASML-PA ⑩*	
	UL20549, PUR Jacket	-	SMSAS03ML-SASML-PB ⑩*	
	UL2517, PVC Jacket (Black)	-	SMSAS03ML-SASML-PD ⑩*	
	UL20549, High Flex / Bending PUR	-	SMSAS03ML-SASML-PN ⑩*	







































































































































STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly



⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP03FL-SAPMR-SA ⑩*	-
		UL20549, PUR Jacket	MSAP03FL-SAPMR-SB ⑩*	-
		UL2517, PVC Jacket (Black)	MSAP03FL-SAPMR-SD ⑩*	-
		UL20549, High Flex / Bending PUR	MSAP03FL-SAPMR-SN ⑩*	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A03FL-12AMR-SA ⑩*	M12A03ML-12AMR-PA ⑩*
		UL20549, PUR Jacket	M12A03FL-12AMR-SB ⑩*	M12A03ML-12AMR-PB ⑩*
		UL2517, PVC Jacket (Black)	M12A03FL-12AMR-SD ⑩*	M12A03ML-12AMR-PD ⑩*
		UL20549, High Flex / Bending PUR	M12A03FL-12AMR-SN ⑩*	M12A03ML-SAPMR-PN ⑩*
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS03FL-SASMR-SA ⑩*	MSAS03ML-SASMR-PA ⑩*
		UL20549, PUR Jacket	MSAS03FL-SASMR-SB ⑩*	MSAS03ML-SASMR-PB ⑩*
		UL2517, PVC Jacket (Black)	MSAS03FL-SASMR-SD ⑩*	MSAS03ML-SASMR-PD ⑩*
		UL20549, High Flex / Bending PUR	MSAS03FL-SASMR-SN ⑩*	MSAS03ML-SASMR-PN ⑩*

* Upon Request

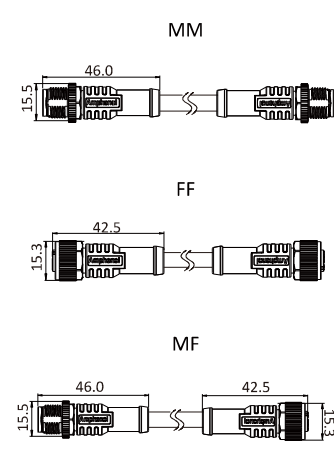
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3		4		
A		A		
250V		250V		
4A		4A		
FF	MM	MF	FM	MPronto-12 (M/M)
				
MSAP03FL-SAPFL-SA  *	MSAP04ML-SAPML-SA  *	MSAP04ML-SAPFL-SA  *	-	-
MSAP03FL-SAPFL-SB 	MSAP04ML-SAPML-SB 	MSAP04ML-SAPFL-SB 	-	-
MSAP03FL-SAPFL-SD 	MSAP04ML-SAPML-SD 	MSAP04ML-SAPFL-SD 	-	-
MSAP03FL-SAPFL-SN 	MSAP04ML-SAPML-SN 	MSAP04ML-SAPFL-SN 	-	-
M12A03FL-12AFL-SA 	M12A04ML-12AML-SA 	M12A04ML-12AFL-SA 	-	M12A04ML-12AML-PA 
M12A03FL-12AFL-SB 	M12A04ML-12AML-SB 	M12A04ML-12AFL-SB 	-	M12A04ML-12AML-PB 
M12A03FL-12AFL-SD 	M12A04ML-12AML-SD 	M12A04ML-12AFL-SD 	-	M12A04ML-12AML-PD 
M12A03FL-12AFL-SN 	M12A04ML-12AML-SN 	M12A04ML-12AFL-SN 	-	M12A04ML-SAPML-PN 
MSAS03FL-SASFL-SA 	MSAS04ML-SASML-SA 	MSAS04ML-SASFL-SA 	-	MSAS04ML-SASML-PA 
MSAS03FL-SASFL-SB 	MSAS04ML-SASML-SB 	MSAS04ML-SASFL-SB 	-	MSAS04ML-SASML-PB 
MSAS03FL-SASFL-SD 	MSAS04ML-SASML-SD 	MSAS04ML-SASFL-SD 	-	MSAS04ML-SASML-PD 
MSAS03FL-SASFL-SN 	MSAS04ML-SASML-SN 	MSAS04ML-SASFL-SN 	-	MSAS04ML-SASML-PN 
SM12A03FL-12AFL-SA 	SM12A04ML-12AML-SA 	SM12A04ML-12AFL-SA 	-	SM12A04ML-12AML-PA 
SM12A03FL-12AFL-SB 	SM12A04ML-12AML-SB 	SM12A04ML-12AFL-SB 	-	SM12A04ML-12AML-PB 
SM12A03FL-12AFL-SD 	SM12A04ML-12AML-SD 	SM12A04ML-12AFL-SD 	-	SM12A04ML-12AML-PD 
SM12A03FL-12AFL-SN 	SM12A04ML-12AML-SN 	SM12A04ML-12AFL-SN 	-	SM12A04ML-SAPML-PN 
SMSAS03FL-SASFL-SA 	SMSAS04ML-SASML-SA 	SMSAS04ML-SASFL-SA 	-	SMSAS04ML-SASML-PA 
SMSAS03FL-SASFL-SB 	SMSAS04ML-SASML-SB 	SMSAS04ML-SASFL-SB 	-	SMSAS04ML-SASML-PB 
SMSAS03FL-SASFL-SD 	SMSAS04ML-SASML-SD 	SMSAS04ML-SASFL-SD 	-	SMSAS04ML-SASML-PD 
SMSAS03FL-SASFL-SN 	SMSAS04ML-SASML-SN 	SMSAS04ML-SASFL-SN 	-	SMSAS04ML-SASML-PN 
MSAP03FL-SAPFR-SA 	MSAP04ML-SAPMR-SA 	MSAP04ML-SAPFR-SA 	MSAP04FL-SAPMR-SA 	-
MSAP03FL-SAPFR-SB 	MSAP04ML-SAPMR-SB 	MSAP04ML-SAPFR-SB 	MSAP04FL-SAPMR-SB 	-
MSAP03FL-SAPFR-SD 	MSAP04ML-SAPMR-SD 	MSAP04ML-SAPFR-SD 	MSAP04FL-SAPMR-SD 	-
MSAP03FL-SAPFR-SN 	MSAP04ML-SAPMR-SN 	MSAP04ML-SAPFR-SN 	MSAP04FL-SAPMR-SN 	-
M12A03FL-12AFR-SA 	M12A04ML-12AMR-SA 	M12A04ML-12AFR-SA 	M12A04FL-12AMR-SA 	M12A04ML-12AMR-PA 
M12A03FL-12AFR-SB 	M12A04ML-12AMR-SB 	M12A04ML-12AFR-SB 	M12A04FL-12AMR-SB 	M12A04ML-12AMR-PB 
M12A03FL-12AFR-SD 	M12A04ML-12AMR-SD 	M12A04ML-12AFR-SD 	M12A04FL-12AMR-SD 	M12A04ML-12AMR-PD 
M12A03FL-12AFR-SN 	M12A04ML-12AMR-SN 	M12A04ML-12AFR-SN 	M12A04FL-12AMR-SN 	M12A04ML-SAPMR-PN 
MSAS03FL-SASFR-SA 	MSAS04ML-SASMR-SA 	MSAS04ML-SASFR-SA 	MSAS04FL-SASMR-SA 	MSAS04ML-SASMR-PA 
MSAS03FL-SASFR-SB 	MSAS04ML-SASMR-SB 	MSAS04ML-SASFR-SB 	MSAS04FL-SASMR-SB 	MSAS04ML-SASMR-PB 
MSAS03FL-SASFR-SD 	MSAS04ML-SASMR-SD 	MSAS04ML-SASFR-SD 	MSAS04FL-SASMR-SD 	MSAS04ML-SASMR-PD 
MSAS03FL-SASFR-SN 	MSAS04ML-SASMR-SN 	MSAS04ML-SASFR-SN 	MSAS04FL-SASMR-SN 	MSAS04ML-SASMR-PN 

Number of Contacts	4	4
Coding	A	D
Rated Voltage (AC/DC)	250V	250V
Nominal current	4A	4A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

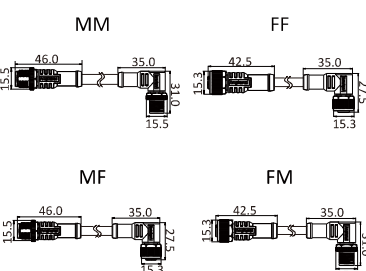
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP04FL-SAPFL-SA ⑩*	MSDP04ML-SDPML-SA ⑩*
		UL20549, PUR Jacket	MSAP04FL-SAPFL-SB ⑩	MSDP04ML-SDPML-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP04FL-SAPFL-SD ⑩	MSDP04ML-SDPML-SD ⑩
		Cat. 5e, PUR Jacket	-	MSDP04ML-SDPML-SE ⑩*
	Metal Nut	UL20549, High Flex / Bending PUR	MSAP04FL-SAPFL-SN ⑩*	MSDP04ML-SDPML-SN ⑩*
		UL2517, PVC Jacket (Yellow)	M12A04FL-12AFL-SA ⑩*	M12D04ML-12DML-SA ⑩*
		UL20549, PUR Jacket	M12A04FL-12AFL-SB ⑩	M12D04ML-12DML-SB ⑩
		UL2517, PVC Jacket (Black)	M12A04FL-12AFL-SD ⑩	M12D04ML-12DML-SD ⑩
	Shielded	Cat. 5e, PUR Jacket	-	M12D04ML-12DML-SE ⑩*
		UL20549, High Flex / Bending PUR	M12A04FL-12AFL-SN ⑩*	M12D04ML-12DML-SN ⑩*
		UL2517, PVC Jacket (Yellow)	MSAS04FL-SASFL-SA ⑩*	MSDS04ML-SDSML-SA ⑩*
		UL20549, PUR Jacket	MSAS04FL-SASFL-SB ⑩*	MSDS04ML-SDSML-SB ⑩
	Stainless	UL2517, PVC Jacket (Black)	MSAS04FL-SASFL-SD ⑩*	MSDS04ML-SDSML-SD ⑩
		Cat. 5e, PUR Jacket	-	MSDS04ML-SDSML-SE ⑩
		UL20549, High Flex / Bending PUR	MSAS04FL-SASFL-SN ⑩*	MSDS04ML-SDSML-SN ⑩*
		UL2517, PVC Jacket (Yellow)	SM12A04FL-12AFL-SA ⑩*	SM12D04ML-12DML-SA ⑩
	Stainless Shielded	UL20549, PUR Jacket	SM12A04FL-12AFL-SB ⑩*	SM12D04ML-12DML-SB ⑩
		UL2517, PVC Jacket (Black)	SM12A04FL-12AFL-SD ⑩*	SM12D04ML-12DML-SD ⑩
		Cat. 5e, PUR Jacket	-	SM12D04ML-12DML-SE ⑩*
		UL20549, High Flex / Bending PUR	SM12A04FL-12AFL-SN ⑩*	SM12D04ML-12DML-SN ⑩*
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS04FL-SASFL-SA ⑩*	SMSDS04ML-SDSML-SA ⑩*	
	UL20549, PUR Jacket	SMSAS04FL-SASFL-SB ⑩*	SMSDS04ML-SDSML-SB ⑩*	
	UL2517, PVC Jacket (Black)	SMSAS04FL-SASFL-SD ⑩*	SMSDS04ML-SDSML-SD ⑩*	
	Cat. 5e, PUR Jacket	-	SMSDS04ML-SDSML-SE ⑩*	
UL20549, High Flex / Bending PUR	SMSAS04FL-SASFL-SN ⑩*	SMSDS04ML-SDSML-SN ⑩*		



STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly


⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP04FL-SAPFR-SA ⑩*	MSDP04ML-SDPFR-SA ⑩*
		UL20549, PUR Jacket	MSAP04FL-SAPFR-SB ⑩	MSDP04ML-SDPFR-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP04FL-SAPFR-SD ⑩	MSDP04ML-SDPFR-SD ⑩
		Cat. 5e, PUR Jacket	-	MSDP04ML-SDPFR-SE ⑩*
	Metal Nut	UL20549, High Flex / Bending PUR	MSAP04FL-SAPFR-SN ⑩*	MSDP04ML-SDPFR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	M12A04FL-12AFR-SA ⑩*	M12D04ML-12DMR-SA ⑩*
		UL20549, PUR Jacket	M12A04FL-12AFR-SB ⑩	M12D04ML-12DMR-SB ⑩
		UL2517, PVC Jacket (Black)	M12A04FL-12AFR-SD ⑩	M12D04ML-12DMR-SD ⑩
	Shielded	Cat. 5e, PUR Jacket	-	M12D04ML-12DMR-SE ⑩*
		UL20549, High Flex / Bending PUR	M12A04FL-12AFR-SN ⑩*	M12D04ML-12DMR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	MSAS04FL-SASFR-SA ⑩*	MSDS04ML-SDSMR-SA ⑩*
		UL20549, PUR Jacket	MSAS04FL-SASFR-SB ⑩*	MSDS04ML-SDSMR-SB ⑩*
	Shielded	UL2517, PVC Jacket (Black)	MSAS04FL-SASFR-SD ⑩*	MSDS04ML-SDSMR-SD ⑩*
		Cat. 5e, PUR Jacket	-	MSDS04ML-SDSMR-SE ⑩*
		UL20549, High Flex / Bending PUR	MSAS04FL-SASFR-SN ⑩*	MSDS04ML-SDSMR-SN ⑩*

* Upon Request

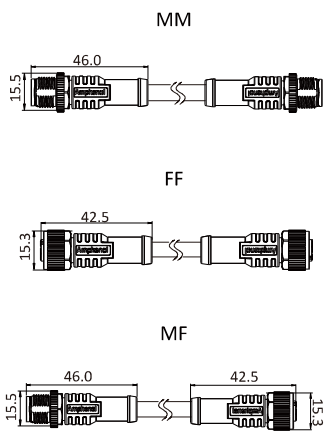
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4				5
D				A
250V				60V
4A				4A
MF	FM	MPronto-12 (M/M)	FF	MM
				
MSDP04ML-SDPFL-SA ¹⁰ *	-	-	MSDP04FL-SDPFL-SA ¹⁰ *	MSAP05ML-SAPML-SA ¹⁰ *
MSDP04ML-SDPFL-SB ¹⁰	-	-	MSDP04FL-SDPFL-SB ¹⁰	MSAP05ML-SAPML-SB ¹⁰
MSDP04ML-SDPFL-SD ¹⁰	-	-	MSDP04FL-SDPFL-SD ¹⁰	MSAP05ML-SAPML-SD ¹⁰
MSDP04ML-SDPFL-SE ¹⁰ *	-	-	MSDP04FL-SDPFL-SE ¹⁰ *	-
MSDP04ML-SDPFL-SN ¹⁰ *	-	-	MSDP04FL-SDPFL-SN ¹⁰ *	MSAP05ML-SAPML-SN ¹⁰ *
M12D04ML-12DFL-SA ¹⁰ *	-	M12D04ML-12DML-PA ¹⁰ *	M12D04FL-12DFL-SA ¹⁰ *	M12A05ML-12AML-SA ¹⁰ *
M12D04ML-12DFL-SB ¹⁰	-	M12D04ML-12DML-PB ¹⁰	M12D04FL-12DFL-SB ¹⁰	M12A05ML-12AML-SB ¹⁰
M12D04ML-12DFL-SD ¹⁰	-	M12D04ML-12DML-PD ¹⁰	M12D04FL-12DFL-SD ¹⁰	M12A05ML-12AML-SD ¹⁰
M12D04ML-12DFL-SE ¹⁰ *	-	M12D04ML-12DML-PE ¹⁰	M12D04FL-12DFL-SE ¹⁰ *	-
M12D04ML-12DFL-SN ¹⁰ *	-	M12D04ML-SDPML-PN ¹⁰ *	M12D04FL-12DFL-SN ¹⁰ *	M12A05ML-12AML-SN ¹⁰ *
MSDS04ML-SDSFL-SA ¹⁰ *	-	MSDS04ML-SDSML-PA ¹⁰ *	MSDS04FL-SDSFL-SA ¹⁰ *	MSAS05ML-SASML-SA ¹⁰ *
MSDS04ML-SDSFL-SB ¹⁰	-	MSDS04ML-SDSML-PB ¹⁰ *	MSDS04FL-SDSFL-SB ¹⁰	MSAS05ML-SASML-SB ¹⁰
MSDS04ML-SDSFL-SD ¹⁰	-	MSDS04ML-SDSML-PD ¹⁰ *	MSDS04FL-SDSFL-SD ¹⁰	MSAS05ML-SASML-SD ¹⁰
MSDS04ML-SDSFL-SE ¹⁰ *	-	MSDS04ML-SDSML-PE ¹⁰ *	MSDS04FL-SDSFL-SE ¹⁰ *	-
MSDS04ML-SDSFL-SN ¹⁰ *	-	MSDS04ML-SDSML-PN ¹⁰ *	MSDS04FL-SDSFL-SN ¹⁰ *	MSAS05ML-SASML-SN ¹⁰ *
SM12D04ML-12DFL-SA ¹⁰	-	SM12D04ML-12DML-PA ¹⁰ *	SM12D04FL-12DFL-SA ¹⁰ *	SM12A05ML-12AML-SA ¹⁰ *
SM12D04ML-12DFL-SB ¹⁰	-	SM12D04ML-12DML-PB ¹⁰ *	SM12D04FL-12DFL-SB ¹⁰ *	SM12A05ML-12AML-SB ¹⁰ *
SM12D04ML-12DFL-SD ¹⁰	-	SM12D04ML-12DML-PD ¹⁰ *	SM12D04FL-12DFL-SD ¹⁰ *	SM12A05ML-12AML-SD ¹⁰ *
SM12D04ML-12DFL-SE ¹⁰ *	-	SM12D04ML-12DML-PE ¹⁰ *	SM12D04FL-12DFL-SE ¹⁰ *	-
SM12D04ML-12DFL-SN ¹⁰ *	-	SM12D04ML-SDPML-PN ¹⁰ *	SM12D04FL-12DFL-SN ¹⁰ *	SM12A05ML-12AML-SN ¹⁰ *
SMSDS04ML-SDSFL-SA ¹⁰ *	-	SMSDS04ML-SDSML-PA ¹⁰ *	SMSDS04FL-SDSFL-SA ¹⁰ *	SMSAS05ML-SASML-SA ¹⁰ *
SMSDS04ML-SDSFL-SB ¹⁰ *	-	SMSDS04ML-SDSML-PB ¹⁰ *	SMSDS04FL-SDSFL-SB ¹⁰ *	SMSAS05ML-SASML-SB ¹⁰ *
SMSDS04ML-SDSFL-SD ¹⁰ *	-	SMSDS04ML-SDSML-PD ¹⁰ *	SMSDS04FL-SDSFL-SD ¹⁰ *	SMSAS05ML-SASML-SD ¹⁰ *
SMSDS04ML-SDSFL-SE ¹⁰ *	-	SMSDS04ML-SDSML-PE ¹⁰ *	SMSDS04FL-SDSFL-SE ¹⁰ *	-
SMSDS04ML-SDSFL-SN ¹⁰ *	-	SMSDS04ML-SDSML-PN ¹⁰ *	SMSDS04FL-SDSFL-SN ¹⁰ *	SMSAS05ML-SASML-SN ¹⁰ *
MSDP04ML-SDPFR-SA ¹⁰ *	MSDP04FL-SDPFR-SA ¹⁰ *	-	MSDP04FL-SDPFR-SA ¹⁰ *	MSAP05ML-SAPFR-SA ¹⁰ *
MSDP04ML-SDPFR-SB ¹⁰	MSDP04FL-SDPFR-SB ¹⁰	-	MSDP04FL-SDPFR-SB ¹⁰	MSAP05ML-SAPFR-SB ¹⁰
MSDP04ML-SDPFR-SD ¹⁰	MSDP04FL-SDPFR-SD ¹⁰	-	MSDP04FL-SDPFR-SD ¹⁰	MSAP05ML-SAPFR-SD ¹⁰
MSDP04ML-SDPFR-SE ¹⁰ *	MSDP04FL-SDPFR-SE ¹⁰ *	-	MSDP04FL-SDPFR-SE ¹⁰ *	-
MSDP04ML-SDPFR-SN ¹⁰ *	MSDP04FL-SDPFR-SN ¹⁰ *	-	MSDP04FL-SDPFR-SN ¹⁰ *	MSAP05ML-SAPFR-SN ¹⁰ *
M12D04ML-12DFR-SA ¹⁰ *	M12D04FL-12DMR-SA ¹⁰ *	M12D04ML-12DMR-PA ¹⁰ *	M12D04FL-12DFR-SA ¹⁰ *	M12A05ML-12AMR-SA ¹⁰ *
M12D04ML-12DFR-SB ¹⁰	M12D04FL-12DMR-SB ¹⁰	M12D04ML-12DMR-PB ¹⁰ *	M12D04FL-12DFR-SB ¹⁰	M12A05ML-12AMR-SB ¹⁰
M12D04ML-12DFR-SD ¹⁰	M12D04FL-12DMR-SD ¹⁰	M12D04ML-12DMR-PD ¹⁰ *	M12D04FL-12DFR-SD ¹⁰	M12A05ML-12AMR-SD ¹⁰
M12D04ML-12DFR-SE ¹⁰ *	M12D04FL-12DMR-SE ¹⁰ *	M12D04ML-12DMR-PE ¹⁰ *	M12D04FL-12DFR-SE ¹⁰ *	-
M12D04ML-12DFR-SN ¹⁰ *	M12D04FL-12DMR-SN ¹⁰ *	M12D04ML-SDPFR-PN ¹⁰ *	M12D04FL-12DFR-SN ¹⁰ *	M12A05ML-12AMR-SN ¹⁰ *
MSDS04ML-SDSFR-SA ¹⁰ *	MSDS04FL-SDSMR-SA ¹⁰ *	MSDS04ML-SDSMR-PA ¹⁰ *	MSDS04FL-SDSFR-SA ¹⁰ *	MSAS05ML-SASMR-SA ¹⁰ *
MSDS04ML-SDSFR-SB ¹⁰ *	MSDS04FL-SDSMR-SB ¹⁰ *	MSDS04ML-SDSMR-PB ¹⁰ *	MSDS04FL-SDSFR-SB ¹⁰ *	MSAS05ML-SASMR-SB ¹⁰ *
MSDS04ML-SDSFR-SD ¹⁰ *	MSDS04FL-SDSMR-SD ¹⁰ *	MSDS04ML-SDSMR-PD ¹⁰ *	MSDS04FL-SDSFR-SD ¹⁰ *	MSAS05ML-SASMR-SD ¹⁰ *
MSDS04ML-SDSFR-SE ¹⁰ *	MSDS04FL-SDSMR-SE ¹⁰ *	MSDS04ML-SDSMR-PE ¹⁰ *	MSDS04FL-SDSFR-SE ¹⁰ *	-
MSDS04ML-SDSFR-SN ¹⁰ *	MSDS04FL-SDSMR-SN ¹⁰ *	MSDS04ML-SDSMR-PN ¹⁰ *	MSDS04FL-SDSFR-SN ¹⁰ *	MSAS05ML-SASMR-SN ¹⁰ *

Number of Contacts	5	
Coding	A	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MF	FM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

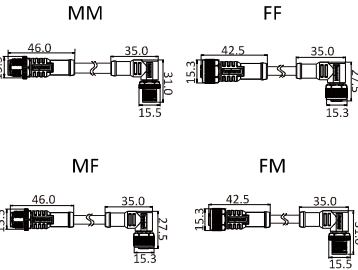
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP05ML-SAPFL-SA ⑩*	-
		UL20549, PUR Jacket	MSAP05ML-SAPFL-SB ⑩	-
		UL2517, PVC Jacket (Black)	MSAP05ML-SAPFL-SD ⑩	-
		UL20549, High Flex / Bending PUR	MSAP05ML-SAPFL-SN ⑩*	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A05ML-12AFL-SA ⑩*	-
		UL20549, PUR Jacket	M12A05ML-12AFL-SB ⑩	-
		UL2517, PVC Jacket (Black)	M12A05ML-12AFL-SD ⑩	-
		UL20549, High Flex / Bending PUR	M12A05ML-12AFL-SN ⑩*	-
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS05ML-SASFL-SA ⑩*	-
		UL20549, PUR Jacket	MSAS05ML-SASFL-SB ⑩	-
		UL2517, PVC Jacket (Black)	MSAS05ML-SASFL-SD ⑩	-
		UL20549, High Flex / Bending PUR	MSAS05ML-SASFL-SN ⑩*	-
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A05ML-12AFL-SA ⑩*	-
		UL20549, PUR Jacket	SM12A05ML-12AFL-SB ⑩*	-
		UL2517, PVC Jacket (Black)	SM12A05ML-12AFL-SD ⑩*	-
		UL20549, High Flex / Bending PUR	SM12A05ML-12AFL-SN ⑩*	-
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS05ML-SASFL-SA ⑩*	-	
	UL20549, PUR Jacket	SMSAS05ML-SASFL-SB ⑩*	-	
	UL2517, PVC Jacket (Black)	SMSAS05ML-SASFL-SD ⑩*	-	
	UL20549, High Flex / Bending PUR	SMSAS05ML-SASFL-SN ⑩*	-	

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF



	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP05ML-SAPFR-SA ⑩*	MSAP05FL-SAPMR-SA ⑩*
		UL20549, PUR Jacket	MSAP05ML-SAPFR-SB ⑩	MSAP05FL-SAPMR-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP05ML-SAPFR-SD ⑩	MSAP05FL-SAPMR-SD ⑩
		UL20549, High Flex / Bending PUR	MSAP05ML-SAPFR-SN ⑩*	MSAP05FL-SAPMR-SN ⑩*
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A05ML-12AFR-SA ⑩*	M12A05FL-12AMR-SA ⑩*
		UL20549, PUR Jacket	M12A05ML-12AFR-SB ⑩	M12A05FL-12AMR-SB ⑩
		UL2517, PVC Jacket (Black)	M12A05ML-12AFR-SD ⑩	M12A05FL-12AMR-SD ⑩
		UL20549, High Flex / Bending PUR	M12A05ML-12AFR-SN ⑩*	M12A05FL-12AMR-SN ⑩*
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS05ML-SASFR-SA ⑩*	MSAS05FL-SASMR-SA ⑩*
		UL20549, PUR Jacket	MSAS05ML-SASFR-SB ⑩*	MSAS05FL-SASMR-SB ⑩*
		UL2517, PVC Jacket (Black)	MSAS05ML-SASFR-SD ⑩*	MSAS05FL-SASMR-SD ⑩*
		UL20549, High Flex / Bending PUR	MSAS05ML-SASFR-SN ⑩*	MSAS05FL-SASMR-SN ⑩*


* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

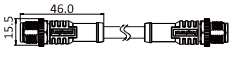
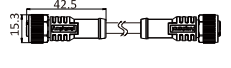
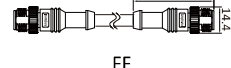
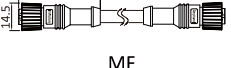
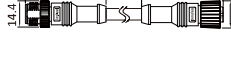
M12 A, B-Code

Screw Threaded (M12 * 1.0) Overmolded Cable

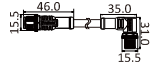
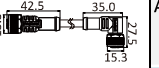
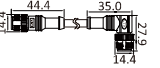
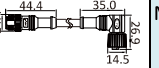
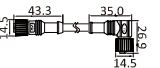
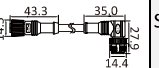
5		5		
A		B		
60V		60V		
4A		4A		
MPronto-12 (M/M)	FF	MM	MF	FM
				
-	MSAP05FL-SAPFL-SA 10 *	MSBP05ML-SBPML-SA 10 *	MSBP05ML-SBPFL-SA 10 *	-
-	MSAP05FL-SAPFL-SB 10	MSBP05ML-SBPML-SB 10	MSBP05ML-SBPFL-SB 10	-
-	MSAP05FL-SAPFL-SD 10	MSBP05ML-SBPML-SD 10	MSBP05ML-SBPFL-SD 10	-
-	MSAP05FL-SAPFL-SN 10 *	MSBP05ML-SBPML-SN 10 *	MSBP05ML-SBPFL-SN 10 *	-
M12A05ML-12AML-PA 10 *	M12A05FL-12AFL-SA 10 *	M12B05ML-12BML-SA 10 *	M12B05ML-12BFL-SA 10 *	-
M12A05ML-12AML-PB 10	M12A05FL-12AFL-SB 10	M12B05ML-12BML-SB 10	M12B05ML-12BFL-SB 10	-
M12A05ML-12AML-PD 10	M12A05FL-12AFL-SD 10	M12B05ML-12BML-SD 10	M12B05ML-12BFL-SD 10	-
M12A05ML-SAPML-PN 10 *	M12A05FL-12AFL-SN 10 *	M12B05ML-12BML-SN 10 *	M12B05ML-12BFL-SN 10 *	-
MSAS05ML-SASML-PA 10 *	MSAS05FL-SASFL-SA 10 *	MSBS05ML-SBSML-SA 10 *	MSBS05ML-SBSFL-SA 10 *	-
MSAS05ML-SASML-PB 10 *	MSAS05FL-SASFL-SB 10	MSBS05ML-SBSML-SB 10	MSBS05ML-SBSFL-SB 10	-
MSAS05ML-SASML-PD 10 *	MSAS05FL-SASFL-SD 10	MSBS05ML-SBSML-SD 10	MSBS05ML-SBSFL-SD 10	-
MSAS05ML-SASML-PN 10 *	MSAS05FL-SASFL-SN 10 *	MSBS05ML-SBSML-SN 10 *	MSBS05ML-SBSFL-SN 10 *	-
SM12A05ML-12AML-PA 10 *	SM12A05FL-12AFL-SA 10 *	SM12B05ML-12BML-SA 10 *	SM12B05ML-12BFL-SA 10 *	-
SM12A05ML-12AML-PB 10 *	SM12A05FL-12AFL-SB 10 *	SM12B05ML-12BML-SB 10 *	SM12B05ML-12BFL-SB 10 *	-
SM12A05ML-12AML-PD 10 *	SM12A05FL-12AFL-SD 10 *	SM12B05ML-12BML-SD 10 *	SM12B05ML-12BFL-SD 10 *	-
SM12A05ML-SAPML-PN 10 *	SM12A05FL-12AFL-SN 10 *	SM12B05ML-12BML-SN 10 *	SM12B05ML-12BFL-SN 10 *	-
SMSAS05ML-SASML-PA 10 *	SMSAS05FL-SASFL-SA 10 *	SMSBS05ML-SBSML-SA 10 *	SMSBS05ML-SBSFL-SA 10 *	-
SMSAS05ML-SASML-PB 10 *	SMSAS05FL-SASFL-SB 10 *	SMSBS05ML-SBSML-SB 10 *	SMSBS05ML-SBSFL-SB 10 *	-
SMSAS05ML-SASML-PD 10 *	SMSAS05FL-SASFL-SD 10 *	SMSBS05ML-SBSML-SD 10 *	SMSBS05ML-SBSFL-SD 10 *	-
SMSAS05ML-SASML-PN 10 *	SMSAS05FL-SASFL-SN 10 *	SMSBS05ML-SBSML-SN 10 *	SMSBS05ML-SBSFL-SN 10 *	-
-	MSAP05FL-SAPFR-SA 10 *	MSBP05ML-SBPMR-SA 10 *	MSBP05ML-SBPFR-SA 10 *	MSBP05FL-SBPMR-SA 10 *
-	MSAP05FL-SAPFR-SB 10	MSBP05ML-SBPMR-SB 10	MSBP05ML-SBPFR-SB 10	MSBP05FL-SBPMR-SB 10
-	MSAP05FL-SAPFR-SD 10	MSBP05ML-SBPMR-SD 10	MSBP05ML-SBPFR-SD 10	MSBP05FL-SBPMR-SD 10
-	MSAP05FL-SAPFR-SN 10 *	MSBP05ML-SBPMR-SN 10 *	MSBP05ML-SBPFR-SN 10 *	MSBP05FL-SBPMR-SN 10 *
M12A05ML-12AMR-PA 10 *	M12A05FL-12AFR-SA 10 *	M12B05ML-12BMR-SA 10 *	M12B05ML-12BFR-SA 10 *	M12B05FL-12BMR-SA 10 *
M12A05ML-12AMR-PB 10 *	M12A05FL-12AFR-SB 10	M12B05ML-12BMR-SB 10	M12B05ML-12BFR-SB 10	M12B05FL-12BMR-SB 10
M12A05ML-12AMR-PD 10 *	M12A05FL-12AFR-SD 10	M12B05ML-12BMR-SD 10	M12B05ML-12BFR-SD 10	M12B05FL-12BMR-SD 10
M12A05ML-SAPMR-PN 10 *	M12A05FL-12AFR-SN 10 *	M12B05ML-12BMR-SN 10 *	M12B05ML-12BFR-SN 10 *	M12B05FL-12BMR-SN 10 *
MSAS05ML-SASMR-PA 10 *	MSAS05FL-SASFR-SA 10 *	MSBS05ML-SBSMR-SA 10 *	MSBS05ML-SBSFR-SA 10 *	MSBS05FL-SBSMR-SA 10 *
MSAS05ML-SASMR-PB 10 *	MSAS05FL-SASFR-SB 10 *	MSBS05ML-SBSMR-SB 10 *	MSBS05ML-SBSFR-SB 10 *	MSBS05FL-SBSMR-SB 10 *
MSAS05ML-SASMR-PD 10 *	MSAS05FL-SASFR-SD 10 *	MSBS05ML-SBSMR-SD 10 *	MSBS05ML-SBSFR-SD 10 *	MSBS05FL-SBSMR-SD 10 *
MSAS05ML-SASMR-PN 10 *	MSAS05FL-SASFR-SN 10 *	MSBS05ML-SBSMR-SN 10 *	MSBS05ML-SBSFR-SN 10 *	MSBS05FL-SBSMR-SN 10 *

Number of Contacts	5	
Coding	B	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(A)** M+Hybrid, **(C)** F+Hybrid


<p>B code</p> <p>MM</p>  <p>FF</p>  <p>I code</p> <p>MM</p>  <p>FF</p>  <p>MF</p> 	All Plastic	UL2517, PVC Jacket (Yellow)	-	MSBP05FL-SBPFL-SA 10*	
			UL20549, PUR Jacket	-	MSBP05FL-SBPFL-SB 10
			UL2517, PVC Jacket (Black)	-	MSBP05FL-SBPFL-SD 10
			UL20549, High Flex / Bending PUR	-	MSBP05FL-SBPFL-SN 10*
		Metal Nut	UL2517, PVC Jacket (Yellow)	M12B05ML-12BML-PA 10*	M12B05FL-12BFL-SA 10*
			UL20549, PUR Jacket	M12B05ML-12BML-PB 10	M12B05FL-12BFL-SB 10
			UL2517, PVC Jacket (Black)	M12B05ML-12BML-PD 10	M12B05FL-12BFL-SD 10
			UL20549, High Flex / Bending PUR	M12B05ML-SBPML-PN 10*	M12B05FL-12BFL-SN 10*
		Shielded	UL2517, PVC Jacket (Yellow)	MSBS05ML-SBSML-PA 10*	MSBS05FL-SBSFL-SA 10*
			UL20549, PUR Jacket	MSBS05ML-SBSML-PB 10*	MSBS05FL-SBSFL-SB 10
			UL2517, PVC Jacket (Black)	MSBS05ML-SBSML-PD 10*	MSBS05FL-SBSFL-SD 10
			UL20549, High Flex / Bending PUR	MSBS05ML-SBSML-PN 10*	MSBS05FL-SBSFL-SN 10*
		Stainless	UL2517, PVC Jacket (Yellow)	SM12B05ML-12BML-PA 10*	SM12B05FL-12BFL-SA 10*
			UL20549, PUR Jacket	SM12B05ML-12BML-PB 10*	SM12B05FL-12BFL-SB 10*
			UL2517, PVC Jacket (Black)	SM12B05ML-12BML-PD 10*	SM12B05FL-12BFL-SD 10*
			UL20549, High Flex / Bending PUR	SM12B05ML-SBPML-PN 10*	SM12B05FL-12BFL-SN 10*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSBS05ML-SBSML-PA 10*	SMSBS05FL-SBSFL-SA 10*	
		UL20549, PUR Jacket	SMSBS05ML-SBSML-PB 10*	SMSBS05FL-SBSFL-SB 10*	
		UL2517, PVC Jacket (Black)	SMSBS05ML-SBSML-PD 10*	SMSBS05FL-SBSFL-SD 10*	
		UL20549, High Flex / Bending PUR	SMSBS05ML-SBSML-PN 10*	SMSBS05FL-SBSFL-SN 10*	


STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(A)** M+Hybrid, **(C)** F+Hybrid

<p>B code</p> <p>MM</p>  <p>FF</p>  <p>I code</p> <p>MM</p>  <p>MF</p>  <p>FF</p>  <p>FM</p> 	All Plastic	UL2517, PVC Jacket (Yellow)	-	MSBP05FL-SBPFR-SA 10*	
			UL20549, PUR Jacket	-	MSBP05FL-SBPFR-SB 10
			UL2517, PVC Jacket (Black)	-	MSBP05FL-SBPFR-SD 10
			UL20549, High Flex / Bending PUR	-	MSBP05FL-SBPFR-SN 10*
		Metal Nut	UL2517, PVC Jacket (Yellow)	M12B05ML-12BMR-PA 10*	M12B05FL-12BFR-SA 10*
			UL20549, PUR Jacket	M12B05ML-12BMR-PB 10*	M12B05FL-12BFR-SB 10
			UL2517, PVC Jacket (Black)	M12B05ML-12BMR-PD 10*	M12B05FL-12BFR-SD 10
			UL20549, High Flex / Bending PUR	M12B05ML-SBPMR-PN 10*	M12B05FL-12BFR-SN 10*
		Shielded	UL2517, PVC Jacket (Yellow)	MSBS05ML-SBSMR-PA 10*	MSBS05FL-SBSFR-SA 10*
			UL20549, PUR Jacket	MSBS05ML-SBSMR-PB 10*	MSBS05FL-SBSFR-SB 10
			UL2517, PVC Jacket (Black)	MSBS05ML-SBSMR-PD 10*	MSBS05FL-SBSFR-SD 10
			UL20549, High Flex / Bending PUR	MSBS05ML-SBSMR-PN 10*	MSBS05FL-SBSFR-SN 10*

* Upon Request

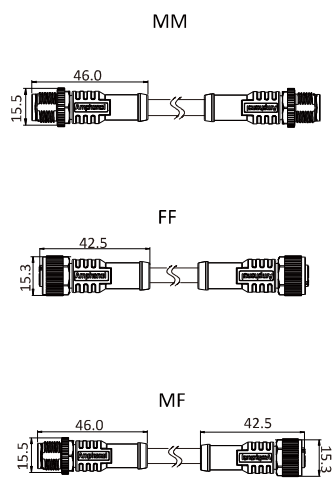
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5				
I				
60V				
4A				
Male/Hybrid	MF	FM	MPronto-12 (Male/Hybrid)	Female/Hybrid
				
MSIP05AL-SIPAL-SA 10*	MSIP05AL-SIPCL-SA 10*	-	-	MSIP05CL-SIPCL-SA 10*
MSIP05AL-SIPAL-SB 10*	MSIP05AL-SIPCL-SB 10*	-	-	MSIP05CL-SIPCL-SB 10*
MSIP05AL-SIPAL-SD 10*	MSIP05AL-SIPCL-SD 10*	-	-	MSIP05CL-SIPCL-SD 10*
MSIP05AL-SIPAL-SN 10*	MSIP05AL-SIPCL-SN 10*	-	-	MSIP05CL-SIPCL-SN 10*
M12I05AL-12IAL-SA 10*	M12I05AL-12ICL-SA 10*	-	M12I05AL-12IAL-PA 10*	M12I05CL-12ICL-SA 10*
M12I05AL-12IAL-SB 10*	M12I05AL-12ICL-SB 10*	-	M12I05AL-12IAL-PB 10*	M12I05CL-12ICL-SB 10*
M12I05AL-12IAL-SD 10*	M12I05AL-12ICL-SD 10*	-	M12I05AL-12IAL-PD 10*	M12I05CL-12ICL-SD 10*
M12I05AL-12IAL-SN 10*	M12I05AL-12ICL-SN 10*	-	M12I05AL-SIPAL-PN 10*	M12I05CL-12ICL-SN 10*
MSIS05AL-SISAL-SA 10*	MSIS05AL-SISCL-SA 10*	-	MSIS05AL-SISAL-PA 10*	MSIS05CL-SISCL-SA 10*
MSIS05AL-SISAL-SB 10*	MSIS05AL-SISCL-SB 10*	-	MSIS05AL-SISAL-PB 10*	MSIS05CL-SISCL-SB 10*
MSIS05AL-SISAL-SD 10*	MSIS05AL-SISCL-SD 10*	-	MSIS05AL-SISAL-PD 10*	MSIS05CL-SISCL-SD 10*
MSIS05AL-SISAL-SN 10*	MSIS05AL-SISCL-SN 10*	-	MSIS05AL-SISAL-PN 10*	MSIS05CL-SISCL-SN 10*
SM12I05AL-12IAL-SA 10*	SM12I05AL-12ICL-SA 10*	-	SM12I05AL-12IAL-PA 10*	SM12I05CL-12ICL-SA 10*
SM12I05AL-12IAL-SB 10*	SM12I05AL-12ICL-SB 10*	-	SM12I05AL-12IAL-PB 10*	SM12I05CL-12ICL-SB 10*
SM12I05AL-12IAL-SD 10*	SM12I05AL-12ICL-SD 10*	-	SM12I05AL-12IAL-PD 10*	SM12I05CL-12ICL-SD 10*
SM12I05AL-12IAL-SN 10*	SM12I05AL-12ICL-SN 10*	-	SM12I05AL-SIPAL-PN 10*	SM12I05CL-12ICL-SN 10*
SMSIS05AL-SISAL-SA 10*	SMSIS05AL-SISCL-SA 10*	-	SMSIS05AL-SISAL-PA 10*	SMSIS05CL-SISCL-SA 10*
SMSIS05AL-SISAL-SB 10*	SMSIS05AL-SISCL-SB 10*	-	SMSIS05AL-SISAL-PB 10*	SMSIS05CL-SISCL-SB 10*
SMSIS05AL-SISAL-SD 10*	SMSIS05AL-SISCL-SD 10*	-	SMSIS05AL-SISAL-PD 10*	SMSIS05CL-SISCL-SD 10*
SMSIS05AL-SISAL-SN 10*	SMSIS05AL-SISCL-SN 10*	-	SMSIS05AL-SISAL-PN 10*	SMSIS05CL-SISCL-SN 10*
MSIP05AL-SIPAR-SA 10*	MSIP05AL-SIPCR-SA 10*	MSIP05CL-SIPAR-SA 10*	-	MSIP05CL-SIPCR-SA 10*
MSIP05AL-SIPAR-SB 10*	MSIP05AL-SIPCR-SB 10*	MSIP05CL-SIPAR-SB 10*	-	MSIP05CL-SIPCR-SB 10*
MSIP05AL-SIPAR-SD 10*	MSIP05AL-SIPCR-SD 10*	MSIP05CL-SIPAR-SD 10*	-	MSIP05CL-SIPCR-SD 10*
MSIP05AL-SIPAR-SN 10*	MSIP05AL-SIPCR-SN 10*	MSIP05CL-SIPAR-SN 10*	-	MSIP05CL-SIPCR-SN 10*
M12I05AL-12IAR-SA 10*	M12I05AL-12ICR-SA 10*	M12I05CL-12IAR-SA 10*	M12I05AL-12IAR-PA 10*	M12I05CL-12ICR-SA 10*
M12I05AL-12IAR-SB 10*	M12I05AL-12ICR-SB 10*	M12I05CL-12IAR-SB 10*	M12I05AL-12IAR-PB 10*	M12I05CL-12ICR-SB 10*
M12I05AL-12IAR-SD 10*	M12I05AL-12ICR-SD 10*	M12I05CL-12IAR-SD 10*	M12I05AL-12IAR-PD 10*	M12I05CL-12ICR-SD 10*
M12I05AL-12IAR-SN 10*	M12I05AL-12ICR-SN 10*	M12I05CL-12IAR-SN 10*	M12I05AL-SIPAR-PN 10*	M12I05CL-12ICR-SN 10*
MSIS05AL-SISAR-SA 10*	MSIS05AL-SISCR-SA 10*	MSIS05CL-SISAR-SA 10*	MSIS05AL-SISAR-PA 10*	MSIS05CL-SISCR-SA 10*
MSIS05AL-SISAR-SB 10*	MSIS05AL-SISCR-SB 10*	MSIS05CL-SISAR-SB 10*	MSIS05AL-SISAR-PB 10*	MSIS05CL-SISCR-SB 10*
MSIS05AL-SISAR-SD 10*	MSIS05AL-SISCR-SD 10*	MSIS05CL-SISAR-SD 10*	MSIS05AL-SISAR-PD 10*	MSIS05CL-SISCR-SD 10*
MSIS05AL-SISAR-SN 10*	MSIS05AL-SISCR-SN 10*	MSIS05CL-SISAR-SN 10*	MSIS05AL-SISAR-PN 10*	MSIS05CL-SISCR-SN 10*

Number of Contacts	6	
Coding	A	
Rated Voltage (AC/DC)	30V	
Nominal current	2A	
Pin Assignment	MM	MF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

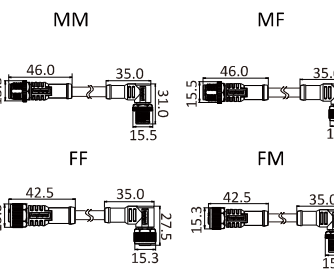
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP06ML-SAPML-SA ⑩*	MSAP06ML-SAPFL-SA ⑩*
		UL20549, PUR Jacket	MSAP06ML-SAPML-SB ⑩	MSAP06ML-SAPFL-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP06ML-SAPML-SD ⑩	MSAP06ML-SAPFL-SD ⑩
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAP06ML-SAPML-SN ⑩*	MSAP06ML-SAPFL-SN ⑩*
		UL2517, PVC Jacket (Yellow)	M12A06ML-12AML-SA ⑩*	M12A06ML-12AFL-SA ⑩*
	Metal Nut	UL20549, PUR Jacket	M12A06ML-12AML-SB ⑩	M12A06ML-12AFL-SB ⑩
		UL2517, PVC Jacket (Black)	M12A06ML-12AML-SD ⑩	M12A06ML-12AFL-SD ⑩
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12A06ML-12AML-SN ⑩*	M12A06ML-12AFL-SN ⑩*
		UL2517, PVC Jacket (Yellow)	MSAS06ML-SASML-SA ⑩*	MSAS06ML-SASFL-SA ⑩*
		UL20549, PUR Jacket	MSAS06ML-SASML-SB ⑩*	MSAS06ML-SASFL-SB ⑩*
	Shielded	UL2517, PVC Jacket (Black)	MSAS06ML-SASML-SD ⑩*	MSAS06ML-SASFL-SD ⑩*
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAS06ML-SASML-SN ⑩*	MSAS06ML-SASFL-SN ⑩*
		UL2517, PVC Jacket (Yellow)	SM12A06ML-12AML-SA ⑩*	SM12A06ML-12AFL-SA ⑩*
		UL20549, PUR Jacket	SM12A06ML-12AML-SB ⑩*	SM12A06ML-12AFL-SB ⑩*
		UL2517, PVC Jacket (Black)	SM12A06ML-12AML-SD ⑩*	SM12A06ML-12AFL-SD ⑩*
Stainless	Cat. 5e, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SM12A06ML-12AML-SN ⑩*	SM12A06ML-12AFL-SN ⑩*	
	UL2517, PVC Jacket (Yellow)	SMSAS06ML-SASML-SA ⑩*	SMSAS06ML-SASFL-SA ⑩*	
	UL20549, PUR Jacket	SMSAS06ML-SASML-SB ⑩*	SMSAS06ML-SASFL-SB ⑩*	
	UL2517, PVC Jacket (Black)	SMSAS06ML-SASML-SD ⑩*	SMSAS06ML-SASFL-SD ⑩*	
	Cat. 5e, PUR Jacket	-	-	
Stainless Shielded	UL20549, High Flex / Bending PUR	SMSAS06ML-SASML-SN ⑩*	SMSAS06ML-SASFL-SN ⑩*	



STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly


⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP06ML-SAPMR-SA ⑩*	MSAP06ML-SAPFR-SA ⑩*
		UL20549, PUR Jacket	MSAP06ML-SAPMR-SB ⑩	MSAP06ML-SAPFR-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP06ML-SAPMR-SD ⑩	MSAP06ML-SAPFR-SD ⑩
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAP06ML-SAPMR-SN ⑩*	MSAP06ML-SAPFR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	M12A06ML-12AMR-SA ⑩*	M12A06ML-12AFR-SA ⑩*
	Metal Nut	UL20549, PUR Jacket	M12A06ML-12AMR-SB ⑩	M12A06ML-12AFR-SB ⑩
		UL2517, PVC Jacket (Black)	M12A06ML-12AMR-SD ⑩	M12A06ML-12AFR-SD ⑩
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12A06ML-12AMR-SN ⑩*	M12A06ML-12AFR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	MSAS06ML-SASMR-SA ⑩*	MSAS06ML-SASFR-SA ⑩*
		UL20549, PUR Jacket	MSAS06ML-SASMR-SB ⑩*	MSAS06ML-SASFR-SB ⑩*
	Shielded	UL2517, PVC Jacket (Black)	MSAS06ML-SASMR-SD ⑩*	MSAS06ML-SASFR-SD ⑩*
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAS06ML-SASMR-SN ⑩*	MSAS06ML-SASFR-SN ⑩*

* Upon Request

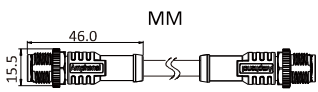
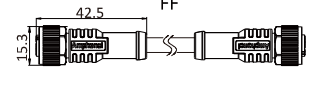
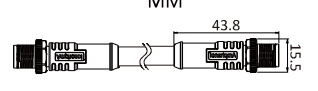
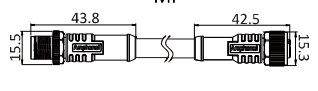
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6			8	
A			A	
30V			30V	
2A			2A	
FM	MPronto-12 (M/M)	FF	MM	MF
				
-	-	MSAP06FL-SAPFL-SA ¹⁰ *	MSAP08ML-SAPML-SA ¹⁰ *	MSAP08ML-SAPFL-SA ¹⁰ *
-	-	MSAP06FL-SAPFL-SB ¹⁰	MSAP08ML-SAPML-SB ¹⁰	MSAP08ML-SAPFL-SB ¹⁰
-	-	MSAP06FL-SAPFL-SD ¹⁰	MSAP08ML-SAPML-SD ¹⁰	MSAP08ML-SAPFL-SD ¹⁰
-	-	-	MSAP08ML-SAPML-SE ¹⁰ *	MSAP08ML-SAPFL-SE ¹⁰ *
-	-	MSAP06FL-SAPFL-SN ¹⁰ *	MSAP08ML-SAPML-SN ¹⁰ *	MSAP08ML-SAPFL-SN ¹⁰ *
-	M12A06ML-12AML-PA ¹⁰ *	M12A06FL-12AFL-SA ¹⁰ *	M12A08ML-12AML-SA ¹⁰ *	M12A08ML-12AFL-SA ¹⁰ *
-	M12A06ML-12AML-PB ¹⁰ *	M12A06FL-12AFL-SB ¹⁰	M12A08ML-12AML-SB ¹⁰	M12A08ML-12AFL-SB ¹⁰
-	M12A06ML-12AML-PD ¹⁰ *	M12A06FL-12AFL-SD ¹⁰	M12A08ML-12AML-SD ¹⁰	M12A08ML-12AFL-SD ¹⁰
-	-	-	M12A08ML-12AML-SE ¹⁰ *	M12A08ML-12AFL-SE ¹⁰ *
-	M12A06ML-SAPML-PN ¹⁰ *	M12A06FL-12AFL-SN ¹⁰ *	M12A08ML-12AML-SN ¹⁰ *	M12A08ML-12AFL-SN ¹⁰ *
-	MSAS06ML-SASML-PA ¹⁰ *	MSAS06FL-SASFL-SA ¹⁰ *	MSAS08ML-SASML-SA ¹⁰ *	MSAS08ML-SASFL-SA ¹⁰ *
-	MSAS06ML-SASML-PB ¹⁰ *	MSAS06FL-SASFL-SB ¹⁰ *	MSAS08ML-SASML-SB ¹⁰	MSAS08ML-SASFL-SB ¹⁰
-	MSAS06ML-SASML-PD ¹⁰ *	MSAS06FL-SASFL-SD ¹⁰ *	MSAS08ML-SASML-SD ¹⁰	MSAS08ML-SASFL-SD ¹⁰
-	-	-	MSAS08ML-SASML-SE ¹⁰ *	MSAS08ML-SASFL-SE ¹⁰ *
-	MSAS06ML-SASML-PN ¹⁰ *	MSAS06FL-SASFL-SN ¹⁰ *	MSAS08ML-SASML-SN ¹⁰ *	MSAS08ML-SASFL-SN ¹⁰ *
-	SM12A06ML-12AML-PA ¹⁰ *	SM12A06FL-12AFL-SA ¹⁰ *	SM12A08ML-12AML-SA ¹⁰ *	SM12A08ML-12AFL-SA ¹⁰ *
-	SM12A06ML-12AML-PB ¹⁰ *	SM12A06FL-12AFL-SB ¹⁰ *	SM12A08ML-12AML-SB ¹⁰ *	SM12A08ML-12AFL-SB ¹⁰ *
-	SM12A06ML-12AML-PD ¹⁰ *	SM12A06FL-12AFL-SD ¹⁰ *	SM12A08ML-12AML-SD ¹⁰ *	SM12A08ML-12AFL-SD ¹⁰ *
-	-	-	SM12A08ML-12AML-SE ¹⁰ *	SM12A08ML-12AFL-SE ¹⁰ *
-	SM12A06ML-SAPML-PN ¹⁰ *	SM12A06FL-12AFL-SN ¹⁰ *	SM12A08ML-12AML-SN ¹⁰ *	SM12A08ML-12AFL-SN ¹⁰ *
-	SMSAS06ML-SASML-PA ¹⁰ *	SMSAS06FL-SASFL-SA ¹⁰ *	SMSAS08ML-SASML-SA ¹⁰ *	SMSAS08ML-SASFL-SA ¹⁰ *
-	SMSAS06ML-SASML-PB ¹⁰ *	SMSAS06FL-SASFL-SB ¹⁰ *	SMSAS08ML-SASML-SB ¹⁰ *	SMSAS08ML-SASFL-SB ¹⁰ *
-	SMSAS06ML-SASML-PD ¹⁰ *	SMSAS06FL-SASFL-SD ¹⁰ *	SMSAS08ML-SASML-SD ¹⁰ *	SMSAS08ML-SASFL-SD ¹⁰ *
-	-	-	SMSAS08ML-SASML-SE ¹⁰ *	SMSAS08ML-SASFL-SE ¹⁰ *
-	SMSAS06ML-SASML-PN ¹⁰ *	SMSAS06FL-SASFL-SN ¹⁰ *	SMSAS08ML-SASML-SN ¹⁰ *	SMSAS08ML-SASFL-SN ¹⁰ *
MSAP06FL-SAPMR-SA ¹⁰ *	-	MSAP06FL-SAPFR-SA ¹⁰ *	MSAP08ML-SAPMR-SA ¹⁰ *	MSAP08ML-SAPFR-SA ¹⁰ *
MSAP06FL-SAPMR-SB ¹⁰	-	MSAP06FL-SAPFR-SB ¹⁰	MSAP08ML-SAPMR-SB ¹⁰	MSAP08ML-SAPFR-SB ¹⁰
MSAP06FL-SAPMR-SD ¹⁰	-	MSAP06FL-SAPFR-SD ¹⁰	MSAP08ML-SAPMR-SD ¹⁰	MSAP08ML-SAPFR-SD ¹⁰
-	-	-	MSAP08ML-SAPMR-SE ¹⁰ *	MSAP08ML-SAPFR-SE ¹⁰ *
MSAP06FL-SAPMR-SN ¹⁰ *	-	MSAP06FL-SAPFR-SN ¹⁰ *	MSAP08ML-SAPMR-SN ¹⁰ *	MSAP08ML-SAPFR-SN ¹⁰ *
M12A06FL-12AMR-SA ¹⁰ *	M12A06ML-12AMR-PA ¹⁰ *	M12A06FL-12AFR-SA ¹⁰ *	M12A08ML-12AMR-SA ¹⁰ *	M12A08ML-12AFR-SA ¹⁰ *
M12A06FL-12AMR-SB ¹⁰	M12A06ML-12AMR-PB ¹⁰ *	M12A06FL-12AFR-SB ¹⁰	M12A08ML-12AMR-SB ¹⁰	M12A08ML-12AFR-SB ¹⁰
M12A06FL-12AMR-SD ¹⁰	M12A06ML-12AMR-PD ¹⁰ *	M12A06FL-12AFR-SD ¹⁰	M12A08ML-12AMR-SD ¹⁰	M12A08ML-12AFR-SD ¹⁰
-	-	-	M12A08ML-12AMR-SE ¹⁰ *	M12A08ML-12AFR-SE ¹⁰ *
M12A06FL-12AMR-SN ¹⁰ *	M12A06ML-SAPMR-PN ¹⁰ *	M12A06FL-12AFR-SN ¹⁰ *	M12A08ML-12AMR-SN ¹⁰ *	M12A08ML-12AFR-SN ¹⁰ *
MSAS06FL-SASMR-SA ¹⁰ *	MSAS06ML-SASMR-PA ¹⁰ *	MSAS06FL-SASFR-SA ¹⁰ *	MSAS08ML-SASMR-SA ¹⁰ *	MSAS08ML-SASFR-SA ¹⁰ *
MSAS06FL-SASMR-SB ¹⁰ *	MSAS06ML-SASMR-PB ¹⁰ *	MSAS06FL-SASFR-SB ¹⁰ *	MSAS08ML-SASMR-SB ¹⁰ *	MSAS08ML-SASFR-SB ¹⁰ *
MSAS06FL-SASMR-SD ¹⁰ *	MSAS06ML-SASMR-PD ¹⁰ *	MSAS06FL-SASFR-SD ¹⁰ *	MSAS08ML-SASMR-SD ¹⁰ *	MSAS08ML-SASFR-SD ¹⁰ *
-	-	-	MSAS08ML-SASMR-SE ¹⁰ *	MSAS08ML-SASFR-SE ¹⁰ *
MSAS06FL-SASMR-SN ¹⁰ *	MSAS06ML-SASMR-PN ¹⁰ *	MSAS06FL-SASFR-SN ¹⁰ *	MSAS08ML-SASMR-SN ¹⁰ *	MSAS08ML-SASFR-SN ¹⁰ *

Number of Contacts	8	
Coding	A	
Rated Voltage (AC/DC)	30V	
Nominal current	2A	
Pin Assignment	FM	MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

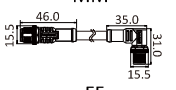
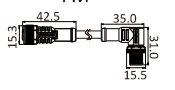
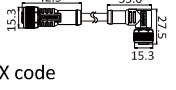
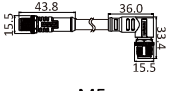
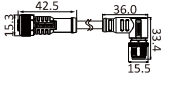
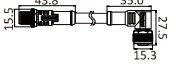
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

<p>A code</p>  <p>FF</p>  <p>X code</p> <p>MM</p>  <p>MF</p> 	<p>All Plastic</p> <p>Metal Nut</p> <p>Shielded</p> <p>Stainless</p> <p>Stainless Shielded</p>	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	-
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	M12A08ML-12AML-PA ⑩ *
		UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	M12A08ML-12AML-PB ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	M12A08ML-12AML-PD ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	M12A08ML-12AML-PE ⑩ *
		UL20549, High Flex / Bending PUR Cat. 6A, PUR Jacket (LSZH)	-	M12A08ML-SAPML-PN ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	MSAS08ML-SASML-PA ⑩ *
		UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	MSAS08ML-SASML-PB ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	MSAS08ML-SASML-PD ⑩ *
		UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	MSAS08ML-SASML-PE ⑩ *
		UL20549, High Flex / Bending PUR Cat. 6A, PUR Jacket (LSZH)	-	MSAS08ML-SASML-PN ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	SM12A08ML-12AML-PA ⑩ *
		UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	SM12A08ML-12AML-PB ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	SM12A08ML-12AML-PD ⑩ *
		UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	SM12A08ML-12AML-PE ⑩ *
		UL20549, High Flex / Bending PUR Cat. 6A, PUR Jacket (LSZH)	-	SM12A08ML-SAPML-PN ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	SMSAS08ML-SASML-PA ⑩ *
		UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	SMSAS08ML-SASML-PB ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	SMSAS08ML-SASML-PD ⑩ *
		UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	-	SMSAS08ML-SASML-PE ⑩ *
		UL20549, High Flex / Bending PUR Cat. 6A, PUR Jacket (LSZH)	-	SMSAS08ML-SASML-PN ⑩ *



STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly



⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

<p>A code</p> <p>MM</p>  <p>FM</p>  <p>FF</p>  <p>X code</p> <p>MM</p>  <p>FM</p>  <p>MF</p> 	<p>All Plastic</p> <p>Metal Nut</p> <p>Shielded</p>	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	MSAP08FL-SAPMR-SA ⑩ * MSAP08FL-SAPMR-SB ⑩ MSAP08FL-SAPMR-SD ⑩ MSAP08FL-SAPMR-SE ⑩ * MSAP08FL-SAPMR-SN ⑩ *	-
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	M12A08FL-12AMR-SA ⑩ * M12A08FL-12AMR-SB ⑩ M12A08FL-12AMR-SD ⑩ M12A08FL-12AMR-SE ⑩ * M12A08FL-12AMR-SN ⑩ *	M12A08ML-12AMR-PA ⑩ * M12A08ML-12AMR-PB ⑩ * M12A08ML-12AMR-PD ⑩ * M12A08ML-12AMR-PE ⑩ * M12A08ML-SAPMR-PN ⑩ *
		UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) Cat. 5e, PUR Jacket UL20549, High Flex / Bending PUR	MSAS08FL-SASMR-SA ⑩ MSAS08FL-SASMR-SB ⑩ MSAS08FL-SASMR-SD ⑩ MSAS08FL-SASMR-SE ⑩ MSAS08FL-SASMR-SN ⑩ *	MSAS08ML-SASMR-PA ⑩ * MSAS08ML-SASMR-PB ⑩ * MSAS08ML-SASMR-PD ⑩ * MSAS08ML-SASMR-PE ⑩ * MSAS08ML-SASMR-PN ⑩ *
		UL20549, High Flex / Bending PUR Cat. 6A, PUR Jacket (LSZH)	-	-

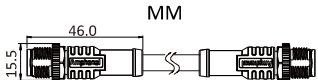
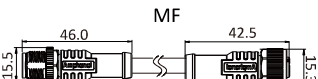
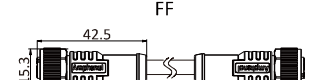
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

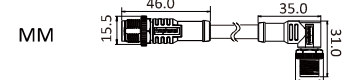
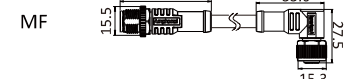
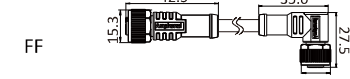
8	8			
A	X (CAT.6A)			
30V	30V			
2A	2A			
FF	MM	MF	FM	MPronto-12 (M/M)
				
MSAP08FL-SAPFL-SA ¹⁰ *	-	-	-	-
MSAP08FL-SAPFL-SB ¹⁰	-	-	-	-
MSAP08FL-SAPFL-SD ¹⁰	-	-	-	-
MSAP08FL-SAPFL-SE ¹⁰ *	-	-	-	-
MSAP08FL-SAPFL-SN ¹⁰ *	-	-	-	-
M12A08FL-12AFL-SA ¹⁰ *	-	-	-	-
M12A08FL-12AFL-SB ¹⁰	-	-	-	-
M12A08FL-12AFL-SD ¹⁰	-	-	-	-
M12A08FL-12AFL-SE ¹⁰ *	-	-	-	-
M12A08FL-12AFL-SN ¹⁰ *	-	-	-	-
MSAS08FL-SASFL-SA ¹⁰ *	-	-	-	-
MSAS08FL-SASFL-SB ¹⁰	-	-	-	-
MSAS08FL-SASFL-SD ¹⁰	-	-	-	-
MSAS08FL-SASFL-SE ¹⁰ *	-	-	-	-
MSAS08FL-SASFL-SN ¹⁰ *	MSXS08ML-SXSML-SN ¹⁰ *	MSXS08ML-SXSFL-SN ¹⁰ *	-	MSXS08ML-SXSML-PN ¹⁰ *
-	MSXS08ML-SXSML-SX ¹⁰	MSXS08ML-SXSFL-SX ¹⁰ *	-	MSXS08ML-SXSML-PX ¹⁰
SM12A08FL-12AFL-SA ¹⁰ *	-	-	-	-
SM12A08FL-12AFL-SB ¹⁰ *	-	-	-	-
SM12A08FL-12AFL-SD ¹⁰ *	-	-	-	-
SM12A08FL-12AFL-SE ¹⁰ *	-	-	-	-
SM12A08FL-12AFL-SN ¹⁰ *	-	-	-	-
SMSAS08FL-SASFL-SA ¹⁰ *	-	-	-	-
SMSAS08FL-SASFL-SB ¹⁰ *	-	-	-	-
SMSAS08FL-SASFL-SD ¹⁰ *	-	-	-	-
SMSAS08FL-SASFL-SE ¹⁰ *	-	-	-	-
SMSAS08FL-SASFL-SN ¹⁰ *	SMSXS08ML-SXSML-SN ¹⁰ *	SMSXS08ML-SXSFL-SN ¹⁰ *	-	SMSXS08ML-SXSML-PN ¹⁰ *
-	SMSXS08ML-SXSML-SX ¹⁰ *	SMSXS08ML-SXSFL-SX ¹⁰ *	-	SMSXS08ML-SXSML-PX ¹⁰ *
MSAP08FL-SAPFR-SA ¹⁰ *	-	-	-	-
MSAP08FL-SAPFR-SB ¹⁰	-	-	-	-
MSAP08FL-SAPFR-SD ¹⁰	-	-	-	-
MSAP08FL-SAPFR-SE ¹⁰ *	-	-	-	-
MSAP08FL-SAPFR-SN ¹⁰ *	-	-	-	-
M12A08FL-12AFR-SA ¹⁰ *	-	-	-	-
M12A08FL-12AFR-SB ¹⁰	-	-	-	-
M12A08FL-12AFR-SD ¹⁰	-	-	-	-
M12A08FL-12AFR-SE ¹⁰ *	-	-	-	-
M12A08FL-12AFR-SN ¹⁰ *	-	-	-	-
MSAS08FL-SASFR-SA ¹⁰ *	-	-	-	-
MSAS08FL-SASFR-SB ¹⁰ *	-	-	-	-
MSAS08FL-SASFR-SD ¹⁰ *	-	-	-	-
MSAS08FL-SASFR-SE ¹⁰ *	-	-	-	-
MSAS08FL-SASFR-SN ¹⁰ *	MSXS08ML-SXSFR-SN ¹⁰ *	MSXS08ML-SXSFR-SN ¹⁰ *	MSXS08FL-SXSFR-SN ¹⁰ *	MSXS08ML-SXSFR-PN ¹⁰ *
-	MSXS08ML-SXSFR-SX ¹⁰	MSXS08ML-SXSFR-SX ¹⁰ *	MSXS08FL-SXSFR-SX ¹⁰ *	MSXS08ML-SXSFR-PX ¹⁰ *

Number of Contacts	8	8
Coding	X (CAT.6A)	Y (Hybrid)*
Rated Voltage (AC/DC)	30V	60V
Nominal current	2A	0.5A / 6A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF



<p>A, Y code</p>  <p>MM</p>  <p>MF</p> <p>X code</p>  <p>FF</p>	All Plastic	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) UL20549, High Flex / Bending PUR	- - - -	- - - -
	Metal Nut	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) UL20549, High Flex / Bending PUR	- - - -	- - - -
	Shielded	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) UL20549, High Flex / Bending PUR Cat. 6A, PUR Jacket (LSZH)	- - - - MSXS08FL-SXSFL-SN 10* MSXS08FL-SXSFL-SX 10*	- - - - MSYS08ML-SYSML-SA 10* MSYS08ML-SYSML-SB 10* MSYS08ML-SYSML-SD 10*
	Stainless	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) UL20549, High Flex / Bending PUR	- - - -	- - - -
	Stainless Shielded	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) UL20549, High Flex / Bending PUR Cat. 6A, PUR Jacket (LSZH)	- - - - SMSXS08FL-SXSFL-SN 10* SMSXS08FL-SXSFL-SX 10*	- - - - SMSYS08ML-SYSML-SA 10* SMSYS08ML-SYSML-SB 10* SMSYS08ML-SYSML-SD 10*



STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

<p>A, Y code</p>  <p>MM</p>  <p>MF</p> <p>X code</p>  <p>FF</p>	All Plastic	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) UL20549, High Flex / Bending PUR	- - - -	- - - -
	Metal Nut	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) UL20549, High Flex / Bending PUR	- - - -	- - - -
	Shielded	UL2517, PVC Jacket (Yellow) UL20549, PUR Jacket UL2517, PVC Jacket (Black) UL20549, High Flex / Bending PUR Cat. 6A, PUR Jacket (LSZH)	- - - - MSXS08FL-SXSFR-SN 10* MSXS08FL-SXSFR-SX 10*	- - - - MSYS08ML-SYSMR-SA 10* MSYS08ML-SYSMR-SB 10* MSYS08ML-SYSMR-SD 10*

* Upon Request

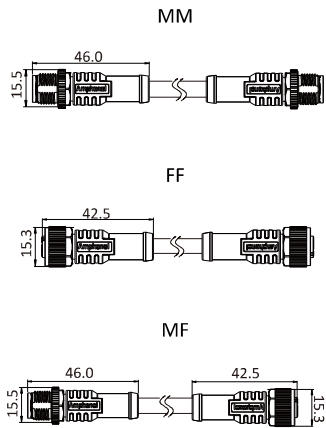
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

8		10		
Y (Hybrid)*		A		
60V		30V		
0.5A / 6A		1.5A		
MF	MPronto-12 (M/M)	MM	MF	MPronto-12 (M/M)
				
-	-	MSAP10ML-SAPML-SA ¹⁰ *	MSAP10ML-SAPFL-SA ¹⁰ *	-
-	-	MSAP10ML-SAPML-SB ¹⁰	MSAP10ML-SAPFL-SB ¹⁰	-
-	-	MSAP10ML-SAPML-SD ¹⁰	MSAP10ML-SAPFL-SD ¹⁰	-
MSAP08ML-SAPFL-SN ¹⁰ *	-	MSAP10ML-SAPML-SN ¹⁰ *	MSAP10ML-SAPFL-SN ¹⁰ *	-
-	-	M12A10ML-12AML-SA ¹⁰ *	M12A10ML-12AFL-SA ¹⁰ *	M12A10ML-12AML-PA ¹⁰ *
-	-	M12A10ML-12AML-SB ¹⁰	M12A10ML-12AFL-SB ¹⁰	M12A10ML-12AML-PB ¹⁰ *
-	-	M12A10ML-12AML-SD ¹⁰	M12A10ML-12AFL-SD ¹⁰	M12A10ML-12AML-PD ¹⁰ *
M12A08ML-12AFL-SN ¹⁰ *	-	M12A10ML-12AML-SN ¹⁰ *	M12A10ML-12AFL-SN ¹⁰ *	M12A10ML-SAPML-PN ¹⁰ *
MSAS08ML-SASFL-SA ¹⁰ *	MSYS08ML-SYSML-PA ¹⁰ *	MSAS10ML-SASML-SA ¹⁰ *	MSAS10ML-SASFL-SA ¹⁰ *	MSAS10ML-SASML-PA ¹⁰ *
MSAS08ML-SASFL-SB ¹⁰ *	MSYS08ML-SYSML-PB ¹⁰ *	MSAS10ML-SASML-SB ¹⁰ *	MSAS10ML-SASFL-SB ¹⁰ *	MSAS10ML-SASML-PB ¹⁰ *
MSAS08ML-SASFL-SD ¹⁰ *	MSYS08ML-SYSML-PD ¹⁰ *	MSAS10ML-SASML-SD ¹⁰ *	MSAS10ML-SASFL-SD ¹⁰ *	MSAS10ML-SASML-PD ¹⁰ *
MSAS08ML-SASFL-SN ¹⁰ *	-	MSAS10ML-SASML-SN ¹⁰ *	MSAS10ML-SASFL-SN ¹⁰ *	MSAS10ML-SASML-PN ¹⁰ *
-	-	-	-	-
-	-	SM12A10ML-12AML-SA ¹⁰ *	SM12A10ML-12AFL-SA ¹⁰ *	SM12A10ML-12AML-PA ¹⁰ *
-	-	SM12A10ML-12AML-SB ¹⁰ *	SM12A10ML-12AFL-SB ¹⁰ *	SM12A10ML-12AML-PB ¹⁰ *
-	-	SM12A10ML-12AML-SD ¹⁰ *	SM12A10ML-12AFL-SD ¹⁰ *	SM12A10ML-12AML-PD ¹⁰ *
SM12A08ML-12AFL-SN ¹⁰ *	-	SM12A10ML-12AML-SN ¹⁰ *	SM12A10ML-12AFL-SN ¹⁰ *	SM12A10ML-SAPML-PN ¹⁰ *
SMSAS08ML-SASFL-SA ¹⁰ *	SMSYS08ML-SYSML-PA ¹⁰ *	SMSAS10ML-SASML-SA ¹⁰ *	SMSAS10ML-SASFL-SA ¹⁰ *	SMSAS10ML-SASML-PA ¹⁰ *
SMSAS08ML-SASFL-SB ¹⁰ *	SMSYS08ML-SYSML-PB ¹⁰ *	SMSAS10ML-SASML-SB ¹⁰ *	SMSAS10ML-SASFL-SB ¹⁰ *	SMSAS10ML-SASML-PB ¹⁰ *
SMSAS08ML-SASFL-SD ¹⁰ *	SMSYS08ML-SYSML-PD ¹⁰ *	SMSAS10ML-SASML-SD ¹⁰ *	SMSAS10ML-SASFL-SD ¹⁰ *	SMSAS10ML-SASML-PD ¹⁰ *
SMSAS08ML-SASFL-SN ¹⁰ *	-	SMSAS10ML-SASML-SN ¹⁰ *	SMSAS10ML-SASFL-SN ¹⁰ *	SMSAS10ML-SASML-PN ¹⁰ *
-	-	-	-	-
-	-	MSAP10ML-SAPMR-SA ¹⁰ *	MSAP10ML-SAPFR-SA ¹⁰ *	-
-	-	MSAP10ML-SAPMR-SB ¹⁰	MSAP10ML-SAPFR-SB ¹⁰ *	-
-	-	MSAP10ML-SAPMR-SD ¹⁰	MSAP10ML-SAPFR-SD ¹⁰ *	-
-	-	MSAP10ML-SAPMR-SN ¹⁰ *	MSAP10ML-SAPFR-SN ¹⁰ *	-
-	-	M12A10ML-12AMR-SA ¹⁰ *	M12A10ML-12AFR-SA ¹⁰ *	M12A10ML-12AMR-PA ¹⁰ *
-	-	M12A10ML-12AMR-SB ¹⁰	M12A10ML-12AFR-SB ¹⁰	M12A10ML-12AMR-PB ¹⁰ *
-	-	M12A10ML-12AMR-SD ¹⁰	M12A10ML-12AFR-SD ¹⁰	M12A10ML-12AMR-PD ¹⁰ *
-	-	M12A10ML-12AMR-SN ¹⁰ *	M12A10ML-12AFR-SN ¹⁰ *	M12A10ML-SAPMR-PN ¹⁰ *
-	MSYS08ML-SYSMR-PA ¹⁰ *	MSAS10ML-SASMR-SA ¹⁰ *	MSAS10ML-SASFR-SA ¹⁰ *	MSAS10ML-SASMR-PA ¹⁰ *
-	MSYS08ML-SYSMR-PB ¹⁰ *	MSAS10ML-SASMR-SB ¹⁰ *	MSAS10ML-SASFR-SB ¹⁰ *	MSAS10ML-SASMR-PB ¹⁰ *
-	MSYS08ML-SYSMR-PD ¹⁰ *	MSAS10ML-SASMR-SD ¹⁰ *	MSAS10ML-SASFR-SD ¹⁰ *	MSAS10ML-SASMR-PD ¹⁰ *
-	-	MSAS10ML-SASMR-SN ¹⁰ *	MSAS10ML-SASFR-SN ¹⁰ *	MSAS10ML-SASMR-PN ¹⁰ *
-	-	-	-	-

Number of Contacts	10	12
Coding	A	A
Rated Voltage (AC/DC)	30V	30V
Nominal current	1.5A	1.5A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact		

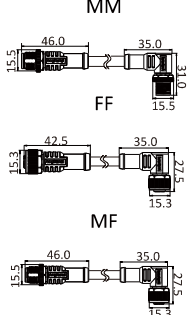
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP10FL-SAPFL-SA 10 *	MSAP12ML-SAPML-SA 10 *	
		UL20549, PUR Jacket	MSAP10FL-SAPFL-SB 10	MSAP12ML-SAPML-SB 10	
		UL2517, PVC Jacket (Black)	MSAP10FL-SAPFL-SD 10	MSAP12ML-SAPML-SD 10	
		UL20549, High Flex / Bending PUR	MSAP10FL-SAPFL-SN 10 *	MSAP12ML-SAPML-SN 10 *	
		Metal Nut	UL2517, PVC Jacket (Yellow)	M12A10FL-12AFL-SA 10 *	M12A12ML-12AML-SA 10 *
			UL20549, PUR Jacket	M12A10FL-12AFL-SB 10	M12A12ML-12AML-SB 10
	UL2517, PVC Jacket (Black)		M12A10FL-12AFL-SD 10	M12A12ML-12AML-SD 10	
	Shielded	UL20549, High Flex / Bending PUR	M12A10FL-12AFL-SN 10 *	M12A12ML-12AML-SN 10 *	
		UL2517, PVC Jacket (Yellow)	MSAS10FL-SASFL-SA 10 *	MSAS12ML-SASML-SA 10 *	
		UL20549, PUR Jacket	MSAS10FL-SASFL-SB 10 *	MSAS12ML-SASML-SB 10 *	
	Stainless	UL2517, PVC Jacket (Black)	MSAS10FL-SASFL-SD 10 *	MSAS12ML-SASML-SD 10 *	
		UL20549, High Flex / Bending PUR	MSAS10FL-SASFL-SN 10 *	MSAS12ML-SASML-SN 10 *	
		UL2517, PVC Jacket (Yellow)	SM12A10FL-12AFL-SA 10 *	SM12A12ML-12AML-SA 10 *	
	Stainless Shielded	UL20549, PUR Jacket	SM12A10FL-12AFL-SB 10 *	SM12A12ML-12AML-SB 10 *	
		UL2517, PVC Jacket (Black)	SM12A10FL-12AFL-SD 10 *	SM12A12ML-12AML-SD 10 *	
		UL20549, High Flex / Bending PUR	SM12A10FL-12AFL-SN 10 *	SM12A12ML-12AML-SN 10 *	
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS10FL-SASFL-SA 10 *	SMSAS12ML-SASML-SA 10 *	
		UL20549, PUR Jacket	SMSAS10FL-SASFL-SB 10 *	SMSAS12ML-SASML-SB 10 *	
UL2517, PVC Jacket (Black)		SMSAS10FL-SASFL-SD 10 *	SMSAS12ML-SASML-SD 10 *		
		UL20549, High Flex / Bending PUR	SMSAS10FL-SASFL-SN 10 *	SMSAS12ML-SASML-SN 10 *	



STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly



10 Cable Length: (01) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP10FL-SAPFR-SA 10 *	MSAP12ML-SAPMR-SA 10 *	
		UL20549, PUR Jacket	MSAP10FL-SAPFR-SB 10	MSAP12ML-SAPMR-SB 10	
		UL2517, PVC Jacket (Black)	MSAP10FL-SAPFR-SD 10	MSAP12ML-SAPMR-SD 10	
		UL20549, High Flex / Bending PUR	MSAP10FL-SAPFR-SN 10 *	MSAP12ML-SAPMR-SN 10 *	
		Metal Nut	UL2517, PVC Jacket (Yellow)	M12A10FL-12AFR-SA 10 *	M12A12ML-12AMR-SA 10 *
			UL20549, PUR Jacket	M12A10FL-12AFR-SB 10	M12A12ML-12AMR-SB 10
	UL2517, PVC Jacket (Black)		M12A10FL-12AFR-SD 10	M12A12ML-12AMR-SD 10	
	Shielded	UL20549, High Flex / Bending PUR	M12A10FL-12AFR-SN 10 *	M12A12ML-12AMR-SN 10 *	
		UL2517, PVC Jacket (Yellow)	MSAS10FL-SASFR-SA 10 *	MSAS12ML-SASMR-SA 10 *	
		UL20549, PUR Jacket	MSAS10FL-SASFR-SB 10 *	MSAS12ML-SASMR-SB 10 *	
	Stainless	UL2517, PVC Jacket (Black)	MSAS10FL-SASFR-SD 10 *	MSAS12ML-SASMR-SD 10 *	
		UL20549, High Flex / Bending PUR	MSAS10FL-SASFR-SN 10 *	MSAS12ML-SASMR-SN 10 *	

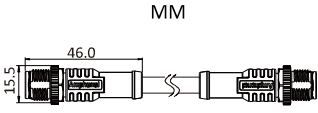
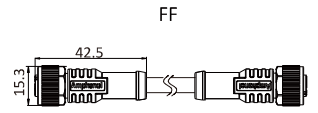
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

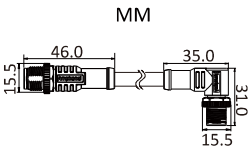
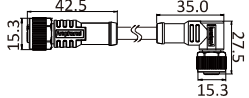
12			17	
A			A	
30V			30V	
1.5A			1.5A	
MF	MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)
				
MSAP12ML-SAPFL-SA ¹⁰ *	-	MSAP12FL-SAPFL-SA ¹⁰ *	MSAP17ML-SAPML-SA ¹⁰ *	-
MSAP12ML-SAPFL-SB ¹⁰	-	MSAP12FL-SAPFL-SB ¹⁰	MSAP17ML-SAPML-SB ¹⁰ *	-
MSAP12ML-SAPFL-SD ¹⁰	-	MSAP12FL-SAPFL-SD ¹⁰	MSAP17ML-SAPML-SD ¹⁰ *	-
MSAP12ML-SAPFL-SN ¹⁰ *	-	MSAP12FL-SAPFL-SN ¹⁰ *	MSAP17ML-SAPML-SN ¹⁰ *	-
M12A12ML-12AFL-SA ¹⁰ *	M12A12ML-12AML-PA ¹⁰ *	M12A12FL-12AFL-SA ¹⁰ *	M12A17ML-12AML-SA ¹⁰ *	M12A17ML-12AML-PA ¹⁰ *
M12A12ML-12AFL-SB ¹⁰	M12A12ML-12AML-PB ¹⁰	M12A12FL-12AFL-SB ¹⁰	M12A17ML-12AML-SB ¹⁰ *	M12A17ML-12AML-PB ¹⁰
M12A12ML-12AFL-SD ¹⁰	M12A12ML-12AML-PD ¹⁰	M12A12FL-12AFL-SD ¹⁰	M12A17ML-12AML-SD ¹⁰ *	M12A17ML-12AML-PD ¹⁰
M12A12ML-12AFL-SN ¹⁰ *	M12A12ML-SAPML-PN ¹⁰ *	M12A12FL-12AFL-SN ¹⁰ *	M12A17ML-12AML-SN ¹⁰ *	M12A17ML-SAPML-PN ¹⁰ *
MSAS12ML-SASFL-SA ¹⁰ *	MSAS12ML-SASML-PA ¹⁰ *	MSAS12FL-SASFL-SA ¹⁰ *	MSAS17ML-SASML-SA ¹⁰ *	MSAS17ML-SASML-PA ¹⁰ *
MSAS12ML-SASFL-SB ¹⁰ *	MSAS12ML-SASML-PB ¹⁰ *	MSAS12FL-SASFL-SB ¹⁰ *	MSAS17ML-SASML-SB ¹⁰ *	MSAS17ML-SASML-PB ¹⁰ *
MSAS12ML-SASFL-SD ¹⁰ *	MSAS12ML-SASML-PD ¹⁰ *	MSAS12FL-SASFL-SD ¹⁰ *	MSAS17ML-SASML-SD ¹⁰ *	MSAS17ML-SASML-PD ¹⁰ *
MSAS12ML-SASFL-SN ¹⁰ *	MSAS12ML-SASML-PN ¹⁰ *	MSAS12FL-SASFL-SN ¹⁰ *	MSAS17ML-SASML-SN ¹⁰ *	MSAS17ML-SASML-PN ¹⁰ *
SM12A12ML-12AFL-SA ¹⁰ *	SM12A12ML-12AML-PA ¹⁰ *	SM12A12FL-12AFL-SA ¹⁰ *	SM12A17ML-12AML-SA ¹⁰ *	SM12A17ML-12AML-PA ¹⁰ *
SM12A12ML-12AFL-SB ¹⁰ *	SM12A12ML-12AML-PB ¹⁰ *	SM12A12FL-12AFL-SB ¹⁰ *	SM12A17ML-12AML-SB ¹⁰ *	SM12A17ML-12AML-PB ¹⁰ *
SM12A12ML-12AFL-SD ¹⁰ *	SM12A12ML-12AML-PD ¹⁰ *	SM12A12FL-12AFL-SD ¹⁰ *	SM12A17ML-12AML-SD ¹⁰ *	SM12A17ML-12AML-PD ¹⁰ *
SM12A12ML-12AFL-SN ¹⁰ *	SM12A12ML-SAPML-PN ¹⁰ *	SM12A12FL-12AFL-SN ¹⁰ *	SM12A17ML-12AML-SN ¹⁰ *	SM12A17ML-SAPML-PN ¹⁰ *
SMSAS12ML-SASFL-SA ¹⁰ *	SMSAS12ML-SASML-PA ¹⁰ *	SMSAS12FL-SASFL-SA ¹⁰ *	SMSAS17ML-SASML-SA ¹⁰ *	SMSAS17ML-SASML-PA ¹⁰ *
SMSAS12ML-SASFL-SB ¹⁰ *	SMSAS12ML-SASML-PB ¹⁰ *	SMSAS12FL-SASFL-SB ¹⁰ *	SMSAS17ML-SASML-SB ¹⁰ *	SMSAS17ML-SASML-PB ¹⁰ *
SMSAS12ML-SASFL-SD ¹⁰ *	SMSAS12ML-SASML-PD ¹⁰ *	SMSAS12FL-SASFL-SD ¹⁰ *	SMSAS17ML-SASML-SD ¹⁰ *	SMSAS17ML-SASML-PD ¹⁰ *
SMSAS12ML-SASFL-SN ¹⁰ *	SMSAS12ML-SASML-PN ¹⁰ *	SMSAS12FL-SASFL-SN ¹⁰ *	SMSAS17ML-SASML-SN ¹⁰ *	SMSAS17ML-SASML-PN ¹⁰ *
-	-	MSAP12FL-SAPFR-SA ¹⁰ *	MSAP17ML-SAPMR-SA ¹⁰ *	-
-	-	MSAP12FL-SAPFR-SB ¹⁰	MSAP17ML-SAPMR-SB ¹⁰ *	-
-	-	MSAP12FL-SAPFR-SD ¹⁰	MSAP17ML-SAPMR-SD ¹⁰ *	-
-	-	MSAP12FL-SAPFR-SN ¹⁰ *	MSAP17ML-SAPMR-SN ¹⁰ *	-
-	M12A12ML-12AMR-PA ¹⁰ *	M12A12FL-12AFR-SA ¹⁰ *	M12A17ML-12AMR-SA ¹⁰ *	M12A17ML-12AMR-PA ¹⁰ *
-	M12A12ML-12AMR-PB ¹⁰ *	M12A12FL-12AFR-SB ¹⁰	M12A17ML-12AMR-SB ¹⁰ *	M12A17ML-12AMR-PB ¹⁰ *
-	M12A12ML-12AMR-PD ¹⁰ *	M12A12FL-12AFR-SD ¹⁰	M12A17ML-12AMR-SD ¹⁰ *	M12A17ML-12AMR-PD ¹⁰ *
-	M12A12ML-SAPMR-PN ¹⁰ *	M12A12FL-12AFR-SN ¹⁰ *	M12A17ML-12AMR-SN ¹⁰ *	M12A17ML-SAPMR-PN ¹⁰ *
-	MSAS12ML-SASMR-PA ¹⁰ *	MSAS12FL-SASFR-SA ¹⁰ *	MSAS17ML-SASMR-SA ¹⁰ *	MSAS17ML-SASMR-PA ¹⁰ *
-	MSAS12ML-SASMR-PB ¹⁰ *	MSAS12FL-SASFR-SB ¹⁰ *	MSAS17ML-SASMR-SB ¹⁰ *	MSAS17ML-SASMR-PB ¹⁰ *
-	MSAS12ML-SASMR-PD ¹⁰ *	MSAS12FL-SASFR-SD ¹⁰ *	MSAS17ML-SASMR-SD ¹⁰ *	MSAS17ML-SASMR-PD ¹⁰ *
-	MSAS12ML-SASMR-PN ¹⁰ *	MSAS12FL-SASFR-SN ¹⁰ *	MSAS17ML-SASMR-SN ¹⁰ *	MSAS17ML-SASMR-PN ¹⁰ *

Number of Contacts	17	18
Coding	A	A
Rated Voltage (AC/DC)	30V	30V
Nominal current	1.5A	0.5A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF



 	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP17FL-SAPFL-SA 10 *	MSAP18ML-SAPML-SA 10 *
		UL20549, PUR Jacket	MSAP17FL-SAPFL-SB 10 *	MSAP18ML-SAPML-SB 10 *
		UL2517, PVC Jacket (Black)	MSAP17FL-SAPFL-SD 10 *	MSAP18ML-SAPML-SD 10 *
		UL20549, High Flex / Bending PUR	MSAP17FL-SAPFL-SN 10 *	MSAP18ML-SAPML-SN 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A17FL-12AFL-SA 10 *	M12A18ML-12AML-SA 10 *
		UL20549, PUR Jacket	M12A17FL-12AFL-SB 10 *	M12A18ML-12AML-SB 10 *
		UL2517, PVC Jacket (Black)	M12A17FL-12AFL-SD 10 *	M12A18ML-12AML-SD 10 *
		UL20549, High Flex / Bending PUR	M12A17FL-12AFL-SN 10 *	M12A18ML-12AML-SN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS17FL-SASFL-SA 10 *	MSAS18ML-SASML-SA 10 *
		UL20549, PUR Jacket	MSAS17FL-SASFL-SB 10 *	MSAS18ML-SASML-SB 10 *
		UL2517, PVC Jacket (Black)	MSAS17FL-SASFL-SD 10 *	MSAS18ML-SASML-SD 10 *
		UL20549, High Flex / Bending PUR	MSAS17FL-SASFL-SN 10 *	MSAS18ML-SASML-SN 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A17FL-12AFL-SA 10 *	SM12A18ML-12AML-SA 10 *
		UL20549, PUR Jacket	SM12A17FL-12AFL-SB 10 *	SM12A18ML-12AML-SB 10 *
		UL2517, PVC Jacket (Black)	SM12A17FL-12AFL-SD 10 *	SM12A18ML-12AML-SD 10 *
		UL20549, High Flex / Bending PUR	SM12A17FL-12AFL-SN 10 *	SM12A18ML-12AML-SN 10 *
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS17FL-SASFL-SA 10 *	SMSAS18ML-SASML-SA 10 *	
	UL20549, PUR Jacket	SMSAS17FL-SASFL-SB 10 *	SMSAS18ML-SASML-SB 10 *	
	UL2517, PVC Jacket (Black)	SMSAS17FL-SASFL-SD 10 *	SMSAS18ML-SASML-SD 10 *	
	UL20549, High Flex / Bending PUR	SMSAS17FL-SASFL-SN 10 *	SMSAS18ML-SASML-SN 10 *	


STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

 	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP17FL-SAPFR-SA 10 *	MSAP18ML-SAPMR-SA 10 *
		UL20549, PUR Jacket	MSAP17FL-SAPFR-SB 10 *	MSAP18ML-SAPMR-SB 10 *
		UL2517, PVC Jacket (Black)	MSAP17FL-SAPFR-SD 10 *	MSAP18ML-SAPMR-SD 10 *
		UL20549, High Flex / Bending PUR	MSAP17FL-SAPFR-SN 10 *	MSAP18ML-SAPMR-SN 10 *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A17FL-12AFR-SA 10 *	M12A18ML-12AMR-SA 10 *
		UL20549, PUR Jacket	M12A17FL-12AFR-SB 10 *	M12A18ML-12AMR-SB 10 *
		UL2517, PVC Jacket (Black)	M12A17FL-12AFR-SD 10 *	M12A18ML-12AMR-SD 10 *
		UL20549, High Flex / Bending PUR	M12A17FL-12AFR-SN 10 *	M12A18ML-12AMR-SN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS17FL-SASFR-SA 10 *	MSAS18ML-SASMR-SA 10 *
		UL20549, PUR Jacket	MSAS17FL-SASFR-SB 10 *	MSAS18ML-SASMR-SB 10 *
		UL2517, PVC Jacket (Black)	MSAS17FL-SASFR-SD 10 *	MSAS18ML-SASMR-SD 10 *
		UL20549, High Flex / Bending PUR	MSAS17FL-SASFR-SN 10 *	MSAS18ML-SASMR-SN 10 *

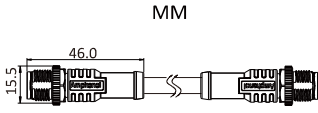
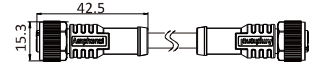
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

18		24		
A		A		
30V		30V		
0.5A		0.5A		
MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)	FF
				
-	MSAP18FL-SAPFL-SA ¹⁰ *	MSAP24ML-SAPML-SA ¹⁰ *	-	MSAP24FL-SAPFL-SA ¹⁰ *
-	MSAP18FL-SAPFL-SB ¹⁰ *	MSAP24ML-SAPML-SB ¹⁰ *	-	MSAP24FL-SAPFL-SB ¹⁰ *
-	MSAP18FL-SAPFL-SD ¹⁰ *	MSAP24ML-SAPML-SD ¹⁰ *	-	MSAP24FL-SAPFL-SD ¹⁰ *
-	MSAP18FL-SAPFL-SN ¹⁰ *	MSAP24ML-SAPML-SN ¹⁰ *	-	MSAP24FL-SAPFL-SN ¹⁰ *
M12A18ML-12AML-PA ¹⁰ *	M12A18FL-12AFL-SA ¹⁰ *	M12A24ML-12AML-SA ¹⁰ *	M12A24ML-12AML-PA ¹⁰ *	M12A24FL-12AFL-SA ¹⁰ *
M12A18ML-12AML-PB ¹⁰ *	M12A18FL-12AFL-SB ¹⁰ *	M12A24ML-12AML-SB ¹⁰ *	M12A24ML-12AML-PB ¹⁰ *	M12A24FL-12AFL-SB ¹⁰ *
M12A18ML-12AML-PD ¹⁰ *	M12A18FL-12AFL-SD ¹⁰ *	M12A24ML-12AML-SD ¹⁰ *	M12A24ML-12AML-PD ¹⁰ *	M12A24FL-12AFL-SD ¹⁰ *
M12A18ML-SAPML-PN ¹⁰ *	M12A18FL-12AFL-SN ¹⁰ *	M12A24ML-12AML-SN ¹⁰ *	M12A24ML-SAPML-PN ¹⁰ *	M12A24FL-12AFL-SN ¹⁰ *
MSAS18ML-SASML-PA ¹⁰ *	MSAS18FL-SASFL-SA ¹⁰ *	MSAS24ML-SASML-SA ¹⁰ *	MSAS24ML-SASML-PA ¹⁰ *	MSAS24FL-SASFL-SA ¹⁰ *
MSAS18ML-SASML-PB ¹⁰ *	MSAS18FL-SASFL-SB ¹⁰ *	MSAS24ML-SASML-SB ¹⁰ *	MSAS24ML-SASML-PB ¹⁰ *	MSAS24FL-SASFL-SB ¹⁰ *
MSAS18ML-SASML-PD ¹⁰ *	MSAS18FL-SASFL-SD ¹⁰ *	MSAS24ML-SASML-SD ¹⁰ *	MSAS24ML-SASML-PD ¹⁰ *	MSAS24FL-SASFL-SD ¹⁰ *
MSAS18ML-SASML-PN ¹⁰ *	MSAS18FL-SASFL-SN ¹⁰ *	MSAS24ML-SASML-SN ¹⁰ *	MSAS24ML-SASML-PN ¹⁰ *	MSAS24FL-SASFL-SN ¹⁰ *
SM12A18ML-12AML-PA ¹⁰ *	SM12A18FL-12AFL-SA ¹⁰ *	SM12A24ML-12AML-SA ¹⁰ *	SM12A24ML-12AML-PA ¹⁰ *	SM12A24FL-12AFL-SA ¹⁰ *
SM12A18ML-12AML-PB ¹⁰ *	SM12A18FL-12AFL-SB ¹⁰ *	SM12A24ML-12AML-SB ¹⁰ *	SM12A24ML-12AML-PB ¹⁰ *	SM12A24FL-12AFL-SB ¹⁰ *
SM12A18ML-12AML-PD ¹⁰ *	SM12A18FL-12AFL-SD ¹⁰ *	SM12A24ML-12AML-SD ¹⁰ *	SM12A24ML-12AML-PD ¹⁰ *	SM12A24FL-12AFL-SD ¹⁰ *
SM12A18ML-SAPML-PN ¹⁰ *	SM12A18FL-12AFL-SN ¹⁰ *	SM12A24ML-12AML-SN ¹⁰ *	SM12A24ML-SAPML-PN ¹⁰ *	SM12A24FL-12AFL-SN ¹⁰ *
SMSAS18ML-SASML-PA ¹⁰ *	SMSAS18FL-SASFL-SA ¹⁰ *	SMSAS24ML-SASML-SA ¹⁰ *	SMSAS24ML-SASML-PA ¹⁰ *	SMSAS24FL-SASFL-SA ¹⁰ *
SMSAS18ML-SASML-PB ¹⁰ *	SMSAS18FL-SASFL-SB ¹⁰ *	SMSAS24ML-SASML-SB ¹⁰ *	SMSAS24ML-SASML-PB ¹⁰ *	SMSAS24FL-SASFL-SB ¹⁰ *
SMSAS18ML-SASML-PD ¹⁰ *	SMSAS18FL-SASFL-SD ¹⁰ *	SMSAS24ML-SASML-SD ¹⁰ *	SMSAS24ML-SASML-PD ¹⁰ *	SMSAS24FL-SASFL-SD ¹⁰ *
SMSAS18ML-SASML-PN ¹⁰ *	SMSAS18FL-SASFL-SN ¹⁰ *	SMSAS24ML-SASML-SN ¹⁰ *	SMSAS24ML-SASML-PN ¹⁰ *	SMSAS24FL-SASFL-SN ¹⁰ *
-	MSAP18FL-SAPFR-SA ¹⁰ *	MSAP24ML-SAPMR-SA ¹⁰ *	-	MSAP24FL-SAPFR-SA ¹⁰ *
-	MSAP18FL-SAPFR-SB ¹⁰ *	MSAP24ML-SAPMR-SB ¹⁰ *	-	MSAP24FL-SAPFR-SB ¹⁰ *
-	MSAP18FL-SAPFR-SD ¹⁰ *	MSAP24ML-SAPMR-SD ¹⁰ *	-	MSAP24FL-SAPFR-SD ¹⁰ *
-	MSAP18FL-SAPFR-SN ¹⁰ *	MSAP24ML-SAPMR-SN ¹⁰ *	-	MSAP24FL-SAPFR-SN ¹⁰ *
M12A18ML-12AMR-PA ¹⁰ *	M12A18FL-12AFR-SA ¹⁰ *	M12A24ML-12AMR-SA ¹⁰ *	M12A24ML-12AMR-PA ¹⁰ *	M12A24FL-12AFR-SA ¹⁰ *
M12A18ML-12AMR-PB ¹⁰ *	M12A18FL-12AFR-SB ¹⁰ *	M12A24ML-12AMR-SB ¹⁰ *	M12A24ML-12AMR-PB ¹⁰ *	M12A24FL-12AFR-SB ¹⁰ *
M12A18ML-12AMR-PD ¹⁰ *	M12A18FL-12AFR-SD ¹⁰ *	M12A24ML-12AMR-SD ¹⁰ *	M12A24ML-12AMR-PD ¹⁰ *	M12A24FL-12AFR-SD ¹⁰ *
M12A18ML-SAPMR-PN ¹⁰ *	M12A18FL-12AFR-SN ¹⁰ *	M12A24ML-12AMR-SN ¹⁰ *	M12A24ML-SAPMR-PN ¹⁰ *	M12A24FL-12AFR-SN ¹⁰ *
MSAS18ML-SASMR-PA ¹⁰ *	MSAS18FL-SASFR-SA ¹⁰ *	MSAS24ML-SASMR-SA ¹⁰ *	MSAS24ML-SASMR-PA ¹⁰ *	MSAS24FL-SASFR-SA ¹⁰ *
MSAS18ML-SASMR-PB ¹⁰ *	MSAS18FL-SASFR-SB ¹⁰ *	MSAS24ML-SASMR-SB ¹⁰ *	MSAS24ML-SASMR-PB ¹⁰ *	MSAS24FL-SASFR-SB ¹⁰ *
MSAS18ML-SASMR-PD ¹⁰ *	MSAS18FL-SASFR-SD ¹⁰ *	MSAS24ML-SASMR-SD ¹⁰ *	MSAS24ML-SASMR-PD ¹⁰ *	MSAS24FL-SASFR-SD ¹⁰ *
MSAS18ML-SASMR-PN ¹⁰ *	MSAS18FL-SASFR-SN ¹⁰ *	MSAS24ML-SASMR-SN ¹⁰ *	MSAS24ML-SASMR-PN ¹⁰ *	MSAS24FL-SASFR-SN ¹⁰ *


Number of Contacts	28		
Coding	A		
Rated Voltage (AC/DC)	30V		
Nominal current	0.5A		
Pin Assignment	MM	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact			

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

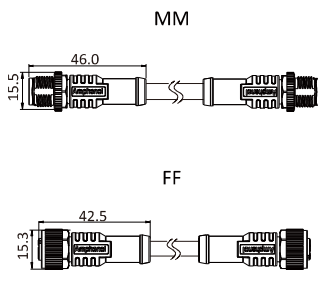
 	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP28ML-SAPML-SA 10*	-	MSAP28FL-SAPFL-SA 10*	
		UL20549, PUR Jacket	MSAP28ML-SAPML-SB 10*	-	MSAP28FL-SAPFL-SB 10*	
		UL2517, PVC Jacket (Black)	MSAP28ML-SAPML-SD 10*	-	MSAP28FL-SAPFL-SD 10*	
		UL20549, High Flex / Bending PUR	MSAP28ML-SAPML-SN 10*	-	MSAP28FL-SAPFL-SN 10*	
		Metal Nut	UL2517, PVC Jacket (Yellow)	M12A28ML-12AML-SA 10*	M12A28ML-12AML-PA 10*	M12A28FL-12AFL-SA 10*
			UL20549, PUR Jacket	M12A28ML-12AML-SB 10*	M12A28ML-12AML-PB 10*	M12A28FL-12AFL-SB 10*
	UL2517, PVC Jacket (Black)		M12A28ML-12AML-SD 10*	M12A28ML-12AML-PD 10*	M12A28FL-12AFL-SD 10*	
	UL20549, High Flex / Bending PUR		M12A28ML-12AML-SN 10*	M12A28ML-SAPML-PN 10*	M12A28FL-12AFL-SN 10*	
	Shielded		UL2517, PVC Jacket (Yellow)	MSAS28ML-SASML-SA 10*	MSAS28ML-SASML-PA 10*	MSAS28FL-SASFL-SA 10*
			UL20549, PUR Jacket	MSAS28ML-SASML-SB 10*	MSAS28ML-SASML-PB 10*	MSAS28FL-SASFL-SB 10*
		UL2517, PVC Jacket (Black)	MSAS28ML-SASML-SD 10*	MSAS28ML-SASML-PD 10*	MSAS28FL-SASFL-SD 10*	
		UL20549, High Flex / Bending PUR	MSAS28ML-SASML-SN 10*	MSAS28ML-SASML-PN 10*	MSAS28FL-SASFL-SN 10*	

* Upon Request

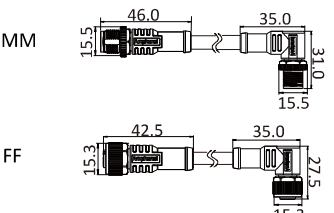
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths


Number of Contacts	28		
Coding	A		
Rated Voltage (AC/DC)	30V		
Nominal current	0.5A		
Pin Assignment	MM	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact			

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	Stainless	UL2517, PVC Jacket (Yellow)	SM12A28ML-12AML-SA 10 *	SM12A28ML-12AML-PA 10 *	SM12A28FL-12AFL-SA 10 *
		UL20549, PUR Jacket	SM12A28ML-12AML-SB 10 *	SM12A28ML-12AML-PB 10 *	SM12A28FL-12AFL-SB 10 *
		UL2517, PVC Jacket (Black)	SM12A28ML-12AML-SD 10 *	SM12A28ML-12AML-PD 10 *	SM12A28FL-12AFL-SD 10 *
		UL20549, High Flex / Bending PUR	SM12A28ML-12AML-SN 10 *	SM12A28ML-SAPML-PN 10 *	SM12A28FL-12AFL-SN 10 *
		UL2517, PVC Jacket (Yellow)	SMSAS28ML-SASML-SA 10 *	SMSAS28ML-SASML-PA 10 *	SMSAS28FL-SASFL-SA 10 *
	Stainless Shielded	UL20549, PUR Jacket	SMSAS28ML-SASML-SB 10 *	SMSAS28ML-SASML-PB 10 *	SMSAS28FL-SASFL-SB 10 *
		UL2517, PVC Jacket (Black)	SMSAS28ML-SASML-SD 10 *	SMSAS28ML-SASML-PD 10 *	SMSAS28FL-SASFL-SD 10 *
		UL20549, High Flex / Bending PUR	SMSAS28ML-SASML-SN 10 *	SMSAS28ML-SASML-PN 10 *	SMSAS28FL-SASFL-SN 10 *

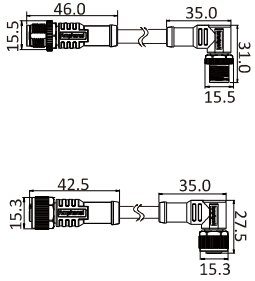
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP28ML-SAPMR-SA 10 *	-	MSAP28FL-SAPFR-SA 10 *
		UL20549, PUR Jacket	MSAP28ML-SAPMR-SB 10 *	-	MSAP28FL-SAPFR-SB 10 *
		UL2517, PVC Jacket (Black)	MSAP28ML-SAPMR-SD 10 *	-	MSAP28FL-SAPFR-SD 10 *
		UL20549, High Flex / Bending PUR	MSAP28ML-SAPMR-SN 10 *	-	MSAP28FL-SAPFR-SN 10 *

Number of Contacts	28		
Coding	A		
Rated Voltage (AC/DC)	30V		
Nominal current	0.5A		
Pin Assignment	MM	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact			


STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A28 ML -12AMR-SA 10 *	M12A28 ML -12AMR-PA 10 *	M12A28 FL -12AFR-SA 10 *
		UL20549, PUR Jacket	M12A28 ML -12AMR-SB 10 *	M12A28 ML -12AMR-PB 10 *	M12A28 FL -12AFR-SB 10 *
		UL2517, PVC Jacket (Black)	M12A28 ML -12AMR-SD 10 *	M12A28 ML -12AMR-PD 10 *	M12A28 FL -12AFR-SD 10 *
		UL20549, High Flex / Bending PUR	M12A28 ML -12AMR-SN 10 *	M12A28 ML -SAPMR-PN 10 *	M12A28 FL -12AFR-SN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS28 ML -SASMR-SA 10 *	MSAS28 ML -SASMR-PA 10 *	MSAS28 FL -SASFR-SA 10 *
		UL20549, PUR Jacket	MSAS28 ML -SASMR-SB 10 *	MSAS28 ML -SASMR-PB 10 *	MSAS28 FL -SASFR-SB 10 *
		UL2517, PVC Jacket (Black)	MSAS28 ML -SASMR-SD 10 *	MSAS28 ML -SASMR-PD 10 *	MSAS28 FL -SASFR-SD 10 *
		UL20549, High Flex / Bending PUR	MSAS28 ML -SASMR-SN 10 *	MSAS28 ML -SASMR-PN 10 *	MSAS28 FL -SASFR-SN 10 *

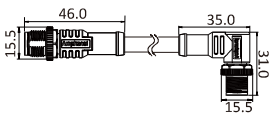
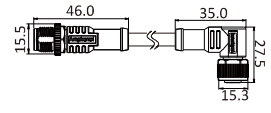
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	3	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	MM	MF
MM: Male Connector Male Contact MF: Male Connector Female Contact		

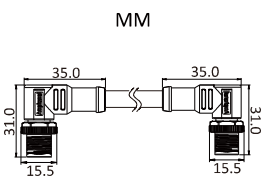
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly


⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	Stainless	UL2517, PVC Jacket (Yellow)	SM12A03ML-12AMR-SA ⑩ *	SM12A03ML-12AFR-SA ⑩ *
		UL20549, PUR Jacket	SM12A03ML-12AMR-SB ⑩ *	SM12A03ML-12AFR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SM12A03ML-12AMR-SD ⑩ *	SM12A03ML-12AFR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SM12A03ML-12AMR-SN ⑩ *	SM12A03ML-12AFR-SN ⑩ *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS03ML-SASMR-SA ⑩ *	SMSAS03ML-SASFR-SA ⑩ *
		UL20549, PUR Jacket	SMSAS03ML-SASMR-SB ⑩ *	SMSAS03ML-SASFR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SMSAS03ML-SASMR-SD ⑩ *	SMSAS03ML-SASFR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SMSAS03ML-SASMR-SN ⑩ *	SMSAS03ML-SASFR-SN ⑩ *

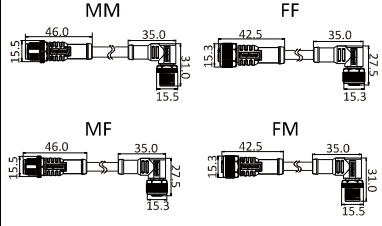
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

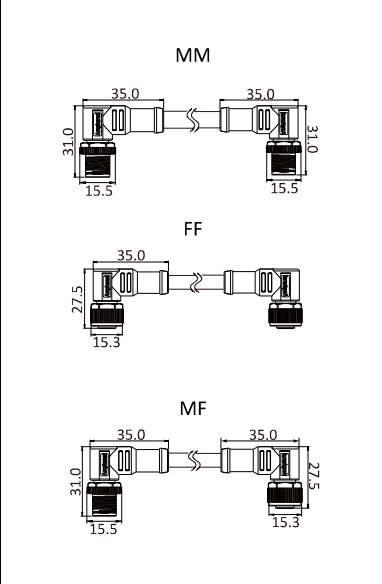
	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP03MR-SAPMR-SA ⑩ *	MSAP03MR-SAPFR-SA ⑩ *
		UL20549, PUR Jacket	MSAP03MR-SAPMR-SB ⑩	MSAP03MR-SAPFR-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP03MR-SAPMR-SD ⑩	MSAP03MR-SAPFR-SD ⑩
		UL20549, High Flex / Bending PUR	MSAP03MR-SAPMR-SN ⑩ *	MSAP03MR-SAPFR-SN ⑩ *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A03MR-12AMR-SA ⑩ *	M12A03MR-12AFR-SA ⑩ *
		UL20549, PUR Jacket	M12A03MR-12AMR-SB ⑩	M12A03MR-12AFR-SB ⑩
		UL2517, PVC Jacket (Black)	M12A03MR-12AMR-SD ⑩	M12A03MR-12AFR-SD ⑩
		UL20549, High Flex / Bending PUR	M12A03MR-12AMR-SN ⑩ *	M12A03MR-12AFR-SN ⑩ *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS03MR-SASMR-SA ⑩ *	MSAS03MR-SASFR-SA ⑩ *
		UL20549, PUR Jacket	MSAS03MR-SASMR-SB ⑩ *	MSAS03MR-SASFR-SB ⑩ *
		UL2517, PVC Jacket (Black)	MSAS03MR-SASMR-SD ⑩ *	MSAS03MR-SASFR-SD ⑩ *
		UL20549, High Flex / Bending PUR	MSAS03MR-SASMR-SN ⑩ *	MSAS03MR-SASFR-SN ⑩ *
Stainless	UL2517, PVC Jacket (Yellow)	SM12A03MR-12AMR-SA ⑩ *	SM12A03MR-12AFR-SA ⑩ *	
	UL20549, PUR Jacket	SM12A03MR-12AMR-SB ⑩ *	SM12A03MR-12AFR-SB ⑩ *	
	UL2517, PVC Jacket (Black)	SM12A03MR-12AMR-SD ⑩ *	SM12A03MR-12AFR-SD ⑩ *	
	UL20549, High Flex / Bending PUR	SM12A03MR-12AMR-SN ⑩ *	SM12A03MR-12AFR-SN ⑩ *	
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS03MR-SASMR-SA ⑩ *	SMSAS03MR-SASFR-SA ⑩ *	
	UL20549, PUR Jacket	SMSAS03MR-SASMR-SB ⑩ *	SMSAS03MR-SASFR-SB ⑩ *	
	UL2517, PVC Jacket (Black)	SMSAS03MR-SASMR-SD ⑩ *	SMSAS03MR-SASFR-SD ⑩ *	
	UL20549, High Flex / Bending PUR	SMSAS03MR-SASMR-SN ⑩ *	SMSAS03MR-SASFR-SN ⑩ *	

Number of Contacts	3	
Coding	A	
Rated Voltage (AC/DC)	250V	
Nominal current	4A	
Pin Assignment	FM	MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF


















































































































	Stainless	UL2517, PVC Jacket (Yellow)	SM12A03FL-12AMR-SA 10 *	SM12A03ML-12AMR-PA 10 *
		UL20549, PUR Jacket	SM12A03FL-12AMR-SB 10 *	SM12A03ML-12AMR-PB 10 *
		UL2517, PVC Jacket (Black)	SM12A03FL-12AMR-SD 10 *	SM12A03ML-12AMR-PD 10 *
		UL20549, High Flex / Bending PUR	SM12A03FL-12AMR-SN 10 *	SM12A03ML-SAPMR-PN 10 *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS03FL-SASMR-SA 10 *	SMSAS03ML-SASMR-PA 10 *
		UL20549, PUR Jacket	SMSAS03FL-SASMR-SB 10 *	SMSAS03ML-SASMR-PB 10 *
		UL2517, PVC Jacket (Black)	SMSAS03FL-SASMR-SD 10 *	SMSAS03ML-SASMR-PD 10 *
		UL20549, High Flex / Bending PUR	SMSAS03FL-SASMR-SN 10 *	SMSAS03ML-SASMR-PN 10 *



RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	All Plastic	UL2517, PVC Jacket (Yellow)	-	-
		UL20549, PUR Jacket	-	-
		UL2517, PVC Jacket (Black)	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	-	M12A03MR-12AMR-PA 10 *
		UL20549, PUR Jacket	-	M12A03MR-12AMR-PB 10 *
		UL2517, PVC Jacket (Black)	-	M12A03MR-12AMR-PD 10 *
		UL20549, High Flex / Bending PUR	-	M12A03MR-SAPMR-PN 10 *
	Shielded	UL2517, PVC Jacket (Yellow)	-	MSAS03MR-SASMR-PA 10 *
		UL20549, PUR Jacket	-	MSAS03MR-SASMR-PB 10 *
		UL2517, PVC Jacket (Black)	-	MSAS03MR-SASMR-PD 10 *
		UL20549, High Flex / Bending PUR	-	MSAS03MR-SASMR-PN 10 *
	Stainless	UL2517, PVC Jacket (Yellow)	-	SM12A03MR-12AMR-PA 10 *
		UL20549, PUR Jacket	-	SM12A03MR-12AMR-PB 10 *
		UL2517, PVC Jacket (Black)	-	SM12A03MR-12AMR-PD 10 *
		UL20549, High Flex / Bending PUR	-	SM12A03MR-SAPMR-PN 10 *
Stainless Shielded	UL2517, PVC Jacket (Yellow)	-	SMSAS03MR-SASMR-PA 10 *	
	UL20549, PUR Jacket	-	SMSAS03MR-SASMR-PB 10 *	
	UL2517, PVC Jacket (Black)	-	SMSAS03MR-SASMR-PD 10 *	
	UL20549, High Flex / Bending PUR	-	SMSAS03MR-SASMR-PN 10 *	

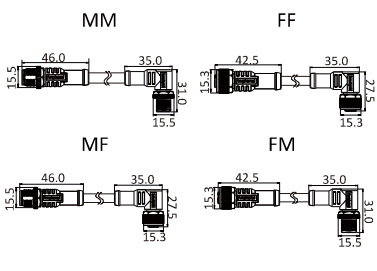
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

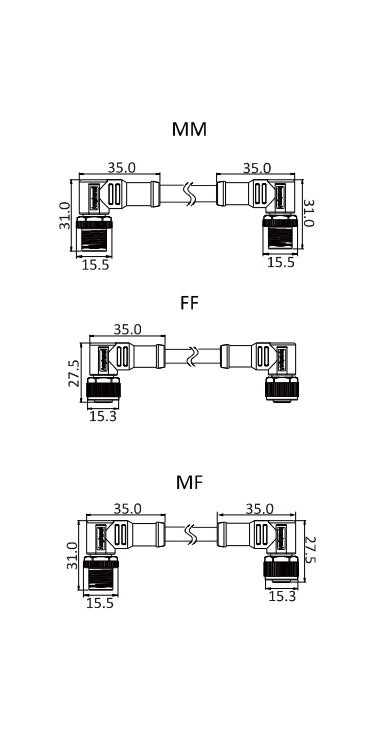
3		4		
A		A		
250V		250V		
4A		4A		
FF	MM	MF	FM	MPronto-12 (M/M)
				
SM12A03FL-12AFR-SA 	SM12A04ML-12AMR-SA 	SM12A04ML-12AFR-SA 	SM12A04FL-12AMR-SA 	SM12A04ML-12AMR-PA 
SM12A03FL-12AFR-SB 	SM12A04ML-12AMR-SB 	SM12A04ML-12AFR-SB 	SM12A04FL-12AMR-SB 	SM12A04ML-12AMR-PB 
SM12A03FL-12AFR-SD 	SM12A04ML-12AMR-SD 	SM12A04ML-12AFR-SD 	SM12A04FL-12AMR-SD 	SM12A04ML-12AMR-PD 
SM12A03FL-12AFR-SN 	SM12A04ML-12AMR-SN 	SM12A04ML-12AFR-SN 	SM12A04FL-12AMR-SN 	SM12A04ML-SAPMR-PN 
SMSAS03FL-SASFR-SA 	SMSAS04ML-SASMR-SA 	SMSAS04ML-SASFR-SA 	SMSAS04FL-SASMR-SA 	SMSAS04ML-SASMR-PA 
SMSAS03FL-SASFR-SB 	SMSAS04ML-SASMR-SB 	SMSAS04ML-SASFR-SB 	SMSAS04FL-SASMR-SB 	SMSAS04ML-SASMR-PB 
SMSAS03FL-SASFR-SD 	SMSAS04ML-SASMR-SD 	SMSAS04ML-SASFR-SD 	SMSAS04FL-SASMR-SD 	SMSAS04ML-SASMR-PD 
SMSAS03FL-SASFR-SN 	SMSAS04ML-SASMR-SN 	SMSAS04ML-SASFR-SN 	SMSAS04FL-SASMR-SN 	SMSAS04ML-SASMR-PN 
MSAP03FR-SAPFR-SA 	MSAP04MR-SAPMR-SA 	MSAP04MR-SAPFR-SA 	-	-
MSAP03FR-SAPFR-SB 	MSAP04MR-SAPMR-SB 	MSAP04MR-SAPFR-SB 	-	-
MSAP03FR-SAPFR-SD 	MSAP04MR-SAPMR-SD 	MSAP04MR-SAPFR-SD 	-	-
MSAP03FR-SAPFR-SN 	MSAP04MR-SAPMR-SN 	MSAP04MR-SAPFR-SN 	-	-
M12A03FR-12AFR-SA 	M12A04MR-12AMR-SA 	M12A04MR-12AFR-SA 	-	M12A04MR-12AMR-PA 
M12A03FR-12AFR-SB 	M12A04MR-12AMR-SB 	M12A04MR-12AFR-SB 	-	M12A04MR-12AMR-PB 
M12A03FR-12AFR-SD 	M12A04MR-12AMR-SD 	M12A04MR-12AFR-SD 	-	M12A04MR-12AMR-PD 
M12A03FR-12AFR-SN 	M12A04MR-12AMR-SN 	M12A04MR-12AFR-SN 	-	M12A04MR-SAPMR-PN 
MSAS03FR-SASFR-SA 	MSAS04MR-SASMR-SA 	MSAS04MR-SASFR-SA 	-	MSAS04MR-SASMR-PA 
MSAS03FR-SASFR-SB 	MSAS04MR-SASMR-SB 	MSAS04MR-SASFR-SB 	-	MSAS04MR-SASMR-PB 
MSAS03FR-SASFR-SD 	MSAS04MR-SASMR-SD 	MSAS04MR-SASFR-SD 	-	MSAS04MR-SASMR-PD 
MSAS03FR-SASFR-SN 	MSAS04MR-SASMR-SN 	MSAS04MR-SASFR-SN 	-	MSAS04MR-SASMR-PN 
SM12A03FR-12AFR-SA 	SM12A04MR-12AMR-SA 	SM12A04MR-12AFR-SA 	-	SM12A04MR-12AMR-PA 
SM12A03FR-12AFR-SB 	SM12A04MR-12AMR-SB 	SM12A04MR-12AFR-SB 	-	SM12A04MR-12AMR-PB 
SM12A03FR-12AFR-SD 	SM12A04MR-12AMR-SD 	SM12A04MR-12AFR-SD 	-	SM12A04MR-12AMR-PD 
SM12A03FR-12AFR-SN 	SM12A04MR-12AMR-SN 	SM12A04MR-12AFR-SN 	-	SM12A04MR-SAPMR-PN 
SMSAS03FR-SASFR-SA 	SMSAS04MR-SASMR-SA 	SMSAS04MR-SASFR-SA 	-	SMSAS04MR-SASMR-PA 
SMSAS03FR-SASFR-SB 	SMSAS04MR-SASMR-SB 	SMSAS04MR-SASFR-SB 	-	SMSAS04MR-SASMR-PB 
SMSAS03FR-SASFR-SD 	SMSAS04MR-SASMR-SD 	SMSAS04MR-SASFR-SD 	-	SMSAS04MR-SASMR-PD 
SMSAS03FR-SASFR-SN 	SMSAS04MR-SASMR-SN 	SMSAS04MR-SASFR-SN 	-	SMSAS04MR-SASMR-PN 

Number of Contacts	4	4
Coding	A	D
Rated Voltage (AC/DC)	250V	250V
Nominal current	4A	4A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 ⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	Stainless	UL2517, PVC Jacket (Yellow)	SM12A04FL-12AFR-SA ⑩*	SM12D04ML-12DMR-SA ⑩*
		UL20549, PUR Jacket	SM12A04FL-12AFR-SB ⑩*	SM12D04ML-12DMR-SB ⑩*
		UL2517, PVC Jacket (Black)	SM12A04FL-12AFR-SD ⑩*	SM12D04ML-12DMR-SD ⑩*
		Cat. 5e, PUR Jacket	-	SM12D04ML-12DMR-SE ⑩*
	Stainless Shielded	UL20549, High Flex / Bending PUR	SM12A04FL-12AFR-SN ⑩*	SM12D04ML-12DMR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	SMSAS04FL-SASFR-SA ⑩*	SMSDS04ML-SDSMR-SA ⑩*
		UL20549, PUR Jacket	SMSAS04FL-SASFR-SB ⑩*	SMSDS04ML-SDSMR-SB ⑩*
		UL2517, PVC Jacket (Black)	SMSAS04FL-SASFR-SD ⑩*	SMSDS04ML-SDSMR-SD ⑩*
		Cat. 5e, PUR Jacket	-	SMSDS04ML-SDSMR-SE ⑩*
		UL20549, High Flex / Bending PUR	SMSAS04FL-SASFR-SN ⑩*	SMSDS04ML-SDSMR-SN ⑩*


RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 ⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP04FR-SAPFR-SA ⑩*	MSDP04MR-SDPMR-SA ⑩*
		UL20549, PUR Jacket	MSAP04FR-SAPFR-SB ⑩	MSDP04MR-SDPMR-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP04FR-SAPFR-SD ⑩	MSDP04MR-SDPMR-SD ⑩
		Cat. 5e, PUR Jacket	-	MSDP04MR-SDPMR-SE ⑩*
	Metal Nut	UL20549, High Flex / Bending PUR	MSAP04FR-SAPFR-SN ⑩*	MSDP04MR-SDPMR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	M12A04FR-12AFR-SA ⑩*	M12D04MR-12DMR-SA ⑩*
		UL20549, PUR Jacket	M12A04FR-12AFR-SB ⑩	M12D04MR-12DMR-SB ⑩
		UL2517, PVC Jacket (Black)	M12A04FR-12AFR-SD ⑩	M12D04MR-12DMR-SD ⑩
	Shielded	Cat. 5e, PUR Jacket	-	M12D04MR-12DMR-SE ⑩*
		UL20549, High Flex / Bending PUR	M12A04FR-12AFR-SN ⑩*	M12D04MR-12DMR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	MSAS04FR-SASFR-SA ⑩*	MSDS04MR-SDSMR-SA ⑩*
		UL20549, PUR Jacket	MSAS04FR-SASFR-SB ⑩*	MSDS04MR-SDSMR-SB ⑩*
	Stainless	UL2517, PVC Jacket (Black)	MSAS04FR-SASFR-SD ⑩*	MSDS04MR-SDSMR-SD ⑩*
		Cat. 5e, PUR Jacket	-	MSDS04MR-SDSMR-SE ⑩*
		UL20549, High Flex / Bending PUR	MSAS04FR-SASFR-SN ⑩*	MSDS04MR-SDSMR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	SM12A04FR-12AFR-SA ⑩*	SM12D04MR-12DMR-SA ⑩*
	Stainless Shielded	UL20549, PUR Jacket	SM12A04FR-12AFR-SB ⑩*	SM12D04MR-12DMR-SB ⑩*
		UL2517, PVC Jacket (Black)	SM12A04FR-12AFR-SD ⑩*	SM12D04MR-12DMR-SD ⑩*
		Cat. 5e, PUR Jacket	-	SM12D04MR-12DMR-SE ⑩*
		UL20549, High Flex / Bending PUR	SM12A04FR-12AFR-SN ⑩*	SM12D04MR-12DMR-SN ⑩*
		UL2517, PVC Jacket (Yellow)	SMSAS04FR-SASFR-SA ⑩*	SMSDS04MR-SDSMR-SA ⑩*
		UL20549, PUR Jacket	SMSAS04FR-SASFR-SB ⑩*	SMSDS04MR-SDSMR-SB ⑩*
		UL2517, PVC Jacket (Black)	SMSAS04FR-SASFR-SD ⑩*	SMSDS04MR-SDSMR-SD ⑩*
		Cat. 5e, PUR Jacket	-	SMSDS04MR-SDSMR-SE ⑩*
		UL20549, High Flex / Bending PUR	SMSAS04FR-SASFR-SN ⑩*	SMSDS04MR-SDSMR-SN ⑩*

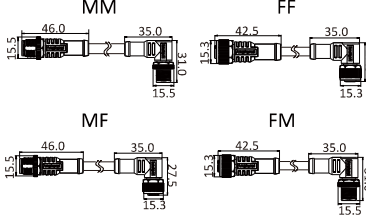
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

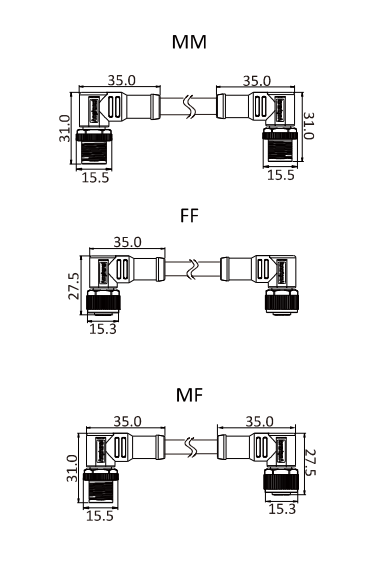
4				5
D				A
250V				60V
4A				4A
MF	FM	MPronto-12 (M/M)	FF	MM
				
SM12D04ML-12DFR-SA ¹⁰ *	SM12D04FL-12DMR-SA ¹⁰ *	SM12D04ML-12DMR-PA ¹⁰ *	SM12D04FL-12DFR-SA ¹⁰ *	SM12A05ML-12AMR-SA ¹⁰ *
SM12D04ML-12DFR-SB ¹⁰ *	SM12D04FL-12DMR-SB ¹⁰ *	SM12D04ML-12DMR-PB ¹⁰ *	SM12D04FL-12DFR-SB ¹⁰ *	SM12A05ML-12AMR-SB ¹⁰ *
SM12D04ML-12DFR-SD ¹⁰ *	SM12D04FL-12DMR-SD ¹⁰ *	SM12D04ML-12DMR-PD ¹⁰ *	SM12D04FL-12DFR-SD ¹⁰ *	SM12A05ML-12AMR-SD ¹⁰ *
SM12D04ML-12DFR-SE ¹⁰ *	SM12D04FL-12DMR-SE ¹⁰ *	SM12D04ML-12DMR-PE ¹⁰ *	SM12D04FL-12DFR-SE ¹⁰ *	-
SM12D04ML-12DFR-SN ¹⁰ *	SM12D04FL-12DMR-SN ¹⁰ *	SM12D04ML-SDPMR-PN ¹⁰ *	SM12D04FL-12DFR-SN ¹⁰ *	SM12A05ML-12AMR-SN ¹⁰ *
SMSDS04ML-SDSFR-SA ¹⁰ *	SMSDS04FL-SDSMR-SA ¹⁰ *	SMSDS04ML-SDSMR-PA ¹⁰ *	SMSDS04FL-SDSFR-SA ¹⁰ *	SMSAS05ML-SASMR-SA ¹⁰ *
SMSDS04ML-SDSFR-SB ¹⁰ *	SMSDS04FL-SDSMR-SB ¹⁰ *	SMSDS04ML-SDSMR-PB ¹⁰ *	SMSDS04FL-SDSFR-SB ¹⁰ *	SMSAS05ML-SASMR-SB ¹⁰ *
SMSDS04ML-SDSFR-SD ¹⁰ *	SMSDS04FL-SDSMR-SD ¹⁰ *	SMSDS04ML-SDSMR-PD ¹⁰ *	SMSDS04FL-SDSFR-SD ¹⁰ *	SMSAS05ML-SASMR-SD ¹⁰ *
SMSDS04ML-SDSFR-SE ¹⁰ *	SMSDS04FL-SDSMR-SE ¹⁰ *	SMSDS04ML-SDSMR-PE ¹⁰ *	SMSDS04FL-SDSFR-SE ¹⁰ *	-
SMSDS04ML-SDSFR-SN ¹⁰ *	SMSDS04FL-SDSMR-SN ¹⁰ *	SMSDS04ML-SDSMR-PN ¹⁰ *	SMSDS04FL-SDSFR-SN ¹⁰ *	SMSAS05ML-SASMR-SN ¹⁰ *
MSDP04MR-SDPFR-SA ¹⁰ *	-	-	MSDP04FR-SDPFR-SA ¹⁰ *	MSAP05MR-SAPMR-SA ¹⁰ *
MSDP04MR-SDPFR-SB ¹⁰ *	-	-	MSDP04FR-SDPFR-SB ¹⁰ *	MSAP05MR-SAPMR-SB ¹⁰ *
MSDP04MR-SDPFR-SD ¹⁰ *	-	-	MSDP04FR-SDPFR-SD ¹⁰ *	MSAP05MR-SAPMR-SD ¹⁰ *
MSDP04MR-SDPFR-SE ¹⁰ *	-	-	MSDP04FR-SDPFR-SE ¹⁰ *	-
MSDP04MR-SDPFR-SN ¹⁰ *	-	-	MSDP04FR-SDPFR-SN ¹⁰ *	MSAP05MR-SAPMR-SN ¹⁰ *
M12D04MR-12DFR-SA ¹⁰ *	-	M12D04MR-12DMR-PA ¹⁰ *	M12D04FR-12DFR-SA ¹⁰ *	M12A05MR-12AMR-SA ¹⁰ *
M12D04MR-12DFR-SB ¹⁰ *	-	M12D04MR-12DMR-PB ¹⁰ *	M12D04FR-12DFR-SB ¹⁰ *	M12A05MR-12AMR-SB ¹⁰ *
M12D04MR-12DFR-SD ¹⁰ *	-	M12D04MR-12DMR-PD ¹⁰ *	M12D04FR-12DFR-SD ¹⁰ *	M12A05MR-12AMR-SD ¹⁰ *
M12D04MR-12DFR-SE ¹⁰ *	-	M12D04MR-12DMR-PE ¹⁰ *	M12D04FR-12DFR-SE ¹⁰ *	-
M12D04MR-12DFR-SN ¹⁰ *	-	M12D04MR-SDPMR-PN ¹⁰ *	M12D04FR-12DFR-SN ¹⁰ *	M12A05MR-12AMR-SN ¹⁰ *
MSDS04MR-SDSFR-SA ¹⁰ *	-	MSDS04MR-SDSMR-PA ¹⁰ *	MSDS04FR-SDSFR-SA ¹⁰ *	MSAS05MR-SASMR-SA ¹⁰ *
MSDS04MR-SDSFR-SB ¹⁰ *	-	MSDS04MR-SDSMR-PB ¹⁰ *	MSDS04FR-SDSFR-SB ¹⁰ *	MSAS05MR-SASMR-SB ¹⁰ *
MSDS04MR-SDSFR-SD ¹⁰ *	-	MSDS04MR-SDSMR-PD ¹⁰ *	MSDS04FR-SDSFR-SD ¹⁰ *	MSAS05MR-SASMR-SD ¹⁰ *
MSDS04MR-SDSFR-SE ¹⁰ *	-	MSDS04MR-SDSMR-PE ¹⁰ *	MSDS04FR-SDSFR-SE ¹⁰ *	-
MSDS04MR-SDSFR-SN ¹⁰ *	-	MSDS04MR-SDSMR-PN ¹⁰ *	MSDS04FR-SDSFR-SN ¹⁰ *	MSAS05MR-SASMR-SN ¹⁰ *
SM12D04MR-12DFR-SA ¹⁰ *	-	SM12D04MR-12DMR-PA ¹⁰ *	SM12D04FR-12DFR-SA ¹⁰ *	SM12A05MR-12AMR-SA ¹⁰ *
SM12D04MR-12DFR-SB ¹⁰ *	-	SM12D04MR-12DMR-PB ¹⁰ *	SM12D04FR-12DFR-SB ¹⁰ *	SM12A05MR-12AMR-SB ¹⁰ *
SM12D04MR-12DFR-SD ¹⁰ *	-	SM12D04MR-12DMR-PD ¹⁰ *	SM12D04FR-12DFR-SD ¹⁰ *	SM12A05MR-12AMR-SD ¹⁰ *
SM12D04MR-12DFR-SE ¹⁰ *	-	SM12D04MR-12DMR-PE ¹⁰ *	SM12D04FR-12DFR-SE ¹⁰ *	-
SM12D04MR-12DFR-SN ¹⁰ *	-	SM12D04MR-SDPMR-PN ¹⁰ *	SM12D04FR-12DFR-SN ¹⁰ *	SM12A05MR-12AMR-SN ¹⁰ *
SMSDS04MR-SDSFR-SA ¹⁰ *	-	SMSDS04MR-SDSMR-PA ¹⁰ *	SMSDS04FR-SDSFR-SA ¹⁰ *	SMSAS05MR-SASMR-SA ¹⁰ *
SMSDS04MR-SDSFR-SB ¹⁰ *	-	SMSDS04MR-SDSMR-PB ¹⁰ *	SMSDS04FR-SDSFR-SB ¹⁰ *	SMSAS05MR-SASMR-SB ¹⁰ *
SMSDS04MR-SDSFR-SD ¹⁰ *	-	SMSDS04MR-SDSMR-PD ¹⁰ *	SMSDS04FR-SDSFR-SD ¹⁰ *	SMSAS05MR-SASMR-SD ¹⁰ *
SMSDS04MR-SDSFR-SE ¹⁰ *	-	SMSDS04MR-SDSMR-PE ¹⁰ *	SMSDS04FR-SDSFR-SE ¹⁰ *	-
SMSDS04MR-SDSFR-SN ¹⁰ *	-	SMSDS04MR-SDSMR-PN ¹⁰ *	SMSDS04FR-SDSFR-SN ¹⁰ *	SMSAS05MR-SASMR-SN ¹⁰ *

Number of Contacts	5	
Coding	A	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MF	FM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	Stainless	UL2517, PVC Jacket (Yellow)	SM12A05ML-12AFR-SA 10*	SM12A05FL-12AMR-SA 10*
		UL20549, PUR Jacket	SM12A05ML-12AFR-SB 10*	SM12A05FL-12AMR-SB 10*
		UL2517, PVC Jacket (Black)	SM12A05ML-12AFR-SD 10*	SM12A05FL-12AMR-SD 10*
		UL20549, High Flex / Bending PUR	SM12A05ML-12AFR-SN 10*	SM12A05FL-12AMR-SN 10*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS05ML-SASFR-SA 10*	SMSAS05FL-SASMR-SA 10*
		UL20549, PUR Jacket	SMSAS05ML-SASFR-SB 10*	SMSAS05FL-SASMR-SB 10*
		UL2517, PVC Jacket (Black)	SMSAS05ML-SASFR-SD 10*	SMSAS05FL-SASMR-SD 10*
		UL20549, High Flex / Bending PUR	SMSAS05ML-SASFR-SN 10*	SMSAS05FL-SASMR-SN 10*

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF



	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP05MR-SAPFR-SA 10*	-
		UL20549, PUR Jacket	MSAP05MR-SAPFR-SB 10	-
		UL2517, PVC Jacket (Black)	MSAP05MR-SAPFR-SD 10	-
		UL20549, High Flex / Bending PUR	MSAP05MR-SAPFR-SN 10*	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A05MR-12AFR-SA 10*	-
		UL20549, PUR Jacket	M12A05MR-12AFR-SB 10	-
		UL2517, PVC Jacket (Black)	M12A05MR-12AFR-SD 10	-
		UL20549, High Flex / Bending PUR	M12A05MR-12AFR-SN 10*	-
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS05MR-SASFR-SA 10*	-
		UL20549, PUR Jacket	MSAS05MR-SASFR-SB 10*	-
		UL2517, PVC Jacket (Black)	MSAS05MR-SASFR-SD 10*	-
		UL20549, High Flex / Bending PUR	MSAS05MR-SASFR-SN 10*	-
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A05MR-12AFR-SA 10*	-
		UL20549, PUR Jacket	SM12A05MR-12AFR-SB 10*	-
		UL2517, PVC Jacket (Black)	SM12A05MR-12AFR-SD 10*	-
		UL20549, High Flex / Bending PUR	SM12A05MR-12AFR-SN 10*	-
Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS05MR-SASFR-SA 10*	-	
	UL20549, PUR Jacket	SMSAS05MR-SASFR-SB 10*	-	
	UL2517, PVC Jacket (Black)	SMSAS05MR-SASFR-SD 10*	-	
	UL20549, High Flex / Bending PUR	SMSAS05MR-SASFR-SN 10*	-	


* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

M12 A, B-Code

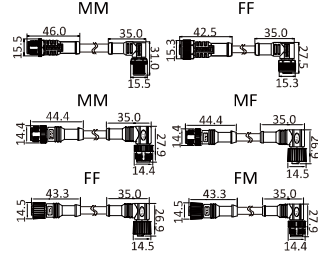
Screw Threaded (M12 * 1.0) Overmolded Cable

5		5		
A		B		
60V		60V		
4A		4A		
MPronto-12 (M/M)	FF	MM	MF	FM
				
SM12A05ML-12AMR-PA ¹⁰ *	SM12A05FL-12AFR-SA ¹⁰ *	SM12B05ML-12BMR-SA ¹⁰ *	SM12B05ML-12BFR-SA ¹⁰ *	SM12B05FL-12BMR-SA ¹⁰ *
SM12A05ML-12AMR-PB ¹⁰ *	SM12A05FL-12AFR-SB ¹⁰ *	SM12B05ML-12BMR-SB ¹⁰ *	SM12B05ML-12BFR-SB ¹⁰ *	SM12B05FL-12BMR-SB ¹⁰ *
SM12A05ML-12AMR-PD ¹⁰ *	SM12A05FL-12AFR-SD ¹⁰ *	SM12B05ML-12BMR-SD ¹⁰ *	SM12B05ML-12BFR-SD ¹⁰ *	SM12B05FL-12BMR-SD ¹⁰ *
SM12A05ML-SAPMR-PN ¹⁰ *	SM12A05FL-12AFR-SN ¹⁰ *	SM12B05ML-12BMR-SN ¹⁰ *	SM12B05ML-12BFR-SN ¹⁰ *	SM12B05FL-12BMR-SN ¹⁰ *
SMSAS05ML-SASMR-PA ¹⁰ *	SMSAS05FL-SASFR-SA ¹⁰ *	SMSBS05ML-SBSMR-SA ¹⁰ *	SMSBS05ML-SBSFR-SA ¹⁰ *	SMSBS05FL-SBSMR-SA ¹⁰ *
SMSAS05ML-SASMR-PB ¹⁰ *	SMSAS05FL-SASFR-SB ¹⁰ *	SMSBS05ML-SBSMR-SB ¹⁰ *	SMSBS05ML-SBSFR-SB ¹⁰ *	SMSBS05FL-SBSMR-SB ¹⁰ *
SMSAS05ML-SASMR-PD ¹⁰ *	SMSAS05FL-SASFR-SD ¹⁰ *	SMSBS05ML-SBSMR-SD ¹⁰ *	SMSBS05ML-SBSFR-SD ¹⁰ *	SMSBS05FL-SBSMR-SD ¹⁰ *
SMSAS05ML-SASMR-PN ¹⁰ *	SMSAS05FL-SASFR-SN ¹⁰ *	SMSBS05ML-SBSMR-SN ¹⁰ *	SMSBS05ML-SBSFR-SN ¹⁰ *	SMSBS05FL-SBSMR-SN ¹⁰ *
-	MSAP05FR-SAPFR-SA ¹⁰ *	MSBP05MR-SBPMR-SA ¹⁰ *	MSBP05MR-SBPFR-SA ¹⁰ *	-
-	MSAP05FR-SAPFR-SB ¹⁰	MSBP05MR-SBPMR-SB ¹⁰	MSBP05MR-SBPFR-SB ¹⁰	-
-	MSAP05FR-SAPFR-SD ¹⁰	MSBP05MR-SBPMR-SD ¹⁰	MSBP05MR-SBPFR-SD ¹⁰	-
-	MSAP05FR-SAPFR-SN ¹⁰ *	MSBP05MR-SBPMR-SN ¹⁰ *	MSBP05MR-SBPFR-SN ¹⁰ *	-
M12A05MR-12AMR-PA ¹⁰ *	M12A05FR-12AFR-SA ¹⁰ *	M12B05MR-12BMR-SA ¹⁰ *	M12B05MR-12BFR-SA ¹⁰ *	-
M12A05MR-12AMR-PB ¹⁰ *	M12A05FR-12AFR-SB ¹⁰ *	M12B05MR-12BMR-SB ¹⁰ *	M12B05MR-12BFR-SB ¹⁰ *	-
M12A05MR-12AMR-PD ¹⁰ *	M12A05FR-12AFR-SD ¹⁰ *	M12B05MR-12BMR-SD ¹⁰ *	M12B05MR-12BFR-SD ¹⁰ *	-
M12A05MR-SAPMR-PN ¹⁰ *	M12A05FR-12AFR-SN ¹⁰ *	M12B05MR-12BMR-SN ¹⁰ *	M12B05MR-12BFR-SN ¹⁰ *	-
MSAS05MR-SASMR-PA ¹⁰ *	MSAS05FR-SASFR-SA ¹⁰ *	MSBS05MR-SBSMR-SA ¹⁰ *	MSBS05MR-SBSFR-SA ¹⁰ *	-
MSAS05MR-SASMR-PB ¹⁰ *	MSAS05FR-SASFR-SB ¹⁰ *	MSBS05MR-SBSMR-SB ¹⁰ *	MSBS05MR-SBSFR-SB ¹⁰ *	-
MSAS05MR-SASMR-PD ¹⁰ *	MSAS05FR-SASFR-SD ¹⁰ *	MSBS05MR-SBSMR-SD ¹⁰ *	MSBS05MR-SBSFR-SD ¹⁰ *	-
MSAS05MR-SASMR-PN ¹⁰ *	MSAS05FR-SASFR-SN ¹⁰ *	MSBS05MR-SBSMR-SN ¹⁰ *	MSBS05MR-SBSFR-SN ¹⁰ *	-
SM12A05MR-12AMR-PA ¹⁰ *	SM12A05FR-12AFR-SA ¹⁰ *	SM12B05MR-12BMR-SA ¹⁰ *	SM12B05MR-12BFR-SA ¹⁰ *	-
SM12A05MR-12AMR-PB ¹⁰ *	SM12A05FR-12AFR-SB ¹⁰ *	SM12B05MR-12BMR-SB ¹⁰ *	SM12B05MR-12BFR-SB ¹⁰ *	-
SM12A05MR-12AMR-PD ¹⁰ *	SM12A05FR-12AFR-SD ¹⁰ *	SM12B05MR-12BMR-SD ¹⁰ *	SM12B05MR-12BFR-SD ¹⁰ *	-
SM12A05MR-SAPMR-PN ¹⁰ *	SM12A05FR-12AFR-SN ¹⁰ *	SM12B05MR-12BMR-SN ¹⁰ *	SM12B05MR-12BFR-SN ¹⁰ *	-
SMSAS05MR-SASMR-PA ¹⁰ *	SMSAS05FR-SASFR-SA ¹⁰ *	SMSBS05MR-SBSMR-SA ¹⁰ *	SMSBS05MR-SBSFR-SA ¹⁰ *	-
SMSAS05MR-SASMR-PB ¹⁰ *	SMSAS05FR-SASFR-SB ¹⁰ *	SMSBS05MR-SBSMR-SB ¹⁰ *	SMSBS05MR-SBSFR-SB ¹⁰ *	-
SMSAS05MR-SASMR-PD ¹⁰ *	SMSAS05FR-SASFR-SD ¹⁰ *	SMSBS05MR-SBSMR-SD ¹⁰ *	SMSBS05MR-SBSFR-SD ¹⁰ *	-
SMSAS05MR-SASMR-PN ¹⁰ *	SMSAS05FR-SASFR-SN ¹⁰ *	SMSBS05MR-SBSMR-SN ¹⁰ *	SMSBS05MR-SBSFR-SN ¹⁰ *	-

Number of Contacts	5	
Coding	B	
Rated Voltage (AC/DC)	60V	
Nominal current	4A	
Pin Assignment	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

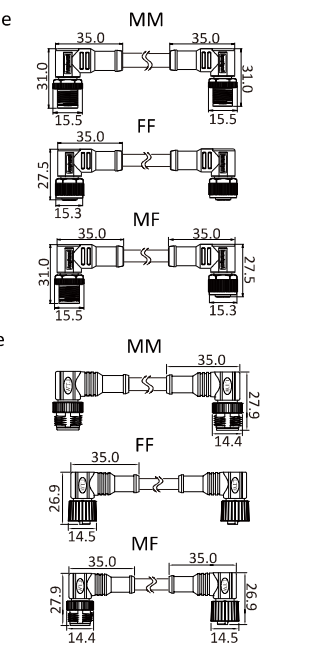
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (A) M+Hybrid, (C) F+Hybrid

B code 	Stainless	UL2517, PVC Jacket (Yellow)	SM12B05ML-12BMR-PA 10*	SM12B05FL-12BFR-SA 10*
		UL20549, PUR Jacket	SM12B05ML-12BMR-PB 10*	SM12B05FL-12BFR-SB 10*
		UL2517, PVC Jacket (Black)	SM12B05ML-12BMR-PD 10*	SM12B05FL-12BFR-SD 10*
		UL20549, High Flex / Bending PUR	SM12B05ML-SBPMR-PN 10*	SM12B05FL-12BFR-SN 10*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSBS05ML-SBSMR-PA 10*	SMSBS05FL-SBSFR-SA 10*
		UL20549, PUR Jacket	SMSBS05ML-SBSMR-PB 10*	SMSBS05FL-SBSFR-SB 10*
		UL2517, PVC Jacket (Black)	SMSBS05ML-SBSMR-PD 10*	SMSBS05FL-SBSFR-SD 10*
		UL20549, High Flex / Bending PUR	SMSBS05ML-SBSMR-PN 10*	SMSBS05FL-SBSFR-SN 10*


RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

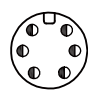
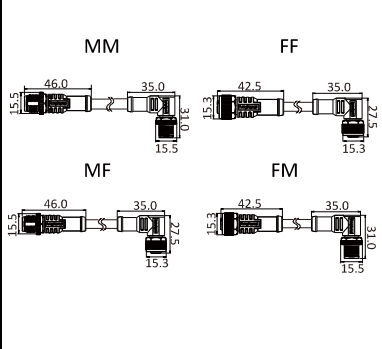
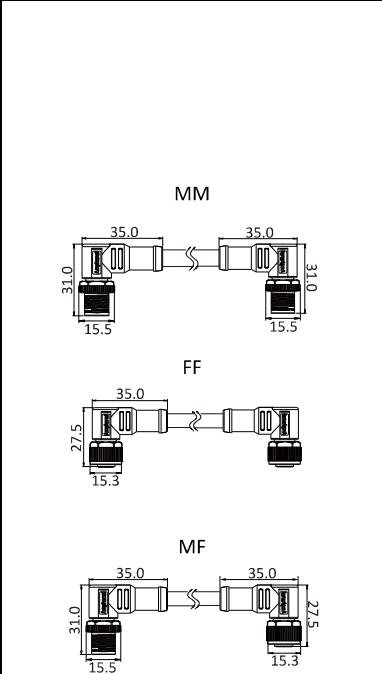
10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (A) M+Hybrid, (C) F+Hybrid

B code 	All Plastic	UL2517, PVC Jacket (Yellow)	-	MSBP05FR-SBPFR-SA 10*
		UL20549, PUR Jacket	-	MSBP05FR-SBPFR-SB 10*
		UL2517, PVC Jacket (Black)	-	MSBP05FR-SBPFR-SD 10*
		UL20549, High Flex / Bending PUR	-	MSBP05FR-SBPFR-SN 10*
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12B05MR-12BMR-PA 10*	M12B05FR-12BFR-SA 10*
		UL20549, PUR Jacket	M12B05MR-12BMR-PB 10*	M12B05FR-12BFR-SB 10*
		UL2517, PVC Jacket (Black)	M12B05MR-12BMR-PD 10*	M12B05FR-12BFR-SD 10*
		UL20549, High Flex / Bending PUR	M12B05MR-SBPMR-PN 10*	M12B05FR-12BFR-SN 10*
	Shielded	UL2517, PVC Jacket (Yellow)	MSBS05MR-SBSMR-PA 10*	MSBS05FR-SBSFR-SA 10*
		UL20549, PUR Jacket	MSBS05MR-SBSMR-PB 10*	MSBS05FR-SBSFR-SB 10*
		UL2517, PVC Jacket (Black)	MSBS05MR-SBSMR-PD 10*	MSBS05FR-SBSFR-SD 10*
		UL20549, High Flex / Bending PUR	MSBS05MR-SBSMR-PN 10*	MSBS05FR-SBSFR-SN 10*
	Stainless	UL2517, PVC Jacket (Yellow)	SM12B05MR-12BMR-PA 10*	SM12B05FR-12BFR-SA 10*
		UL20549, PUR Jacket	SM12B05MR-12BMR-PB 10*	SM12B05FR-12BFR-SB 10*
		UL2517, PVC Jacket (Black)	SM12B05MR-12BMR-PD 10*	SM12B05FR-12BFR-SD 10*
		UL20549, High Flex / Bending PUR	SM12B05MR-SBPMR-PN 10*	SM12B05FR-12BFR-SN 10*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSBS05MR-SBSMR-PA 10*	SMSBS05FR-SBSFR-SA 10*
		UL20549, PUR Jacket	SMSBS05MR-SBSMR-PB 10*	SMSBS05FR-SBSFR-SB 10*
		UL2517, PVC Jacket (Black)	SMSBS05MR-SBSMR-PD 10*	SMSBS05FR-SBSFR-SD 10*
		UL20549, High Flex / Bending PUR	SMSBS05MR-SBSMR-PN 10*	SMSBS05FR-SBSFR-SN 10*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths


5				
I				
60V				
4A				
Male/Hybrid	MF	FM	MPronto-12 (Male/Hybrid)	Female/Hybrid
				
SM12I05AL-12IAR-SA 10 *	SM12I05AL-12ICR-SA 10 *	SM12I05CL-12IAR-SA 10 *	SM12I05AL-12IAR-PA 10 *	SM12I05CL-12ICR-SA 10 *
SM12I05AL-12IAR-SB 10 *	SM12I05AL-12ICR-SB 10 *	SM12I05CL-12IAR-SB 10 *	SM12I05AL-12IAR-PB 10 *	SM12I05CL-12ICR-SB 10 *
SM12I05AL-12IAR-SD 10 *	SM12I05AL-12ICR-SD 10 *	SM12I05CL-12IAR-SD 10 *	SM12I05AL-12IAR-PD 10 *	SM12I05CL-12ICR-SD 10 *
SM12I05AL-12IAR-SN 10 *	SM12I05AL-12ICR-SN 10 *	SM12I05CL-12IAR-SN 10 *	SM12I05AL-SIPAR-PN 10 *	SM12I05CL-12ICR-SN 10 *
SMSIS05AL-SISAR-SA 10 *	SMSIS05AL-SISCR-SA 10 *	SMSIS05CL-SISAR-SA 10 *	SMSIS05AL-SISAR-PA 10 *	SMSIS05CL-SISCR-SA 10 *
SMSIS05AL-SISAR-SB 10 *	SMSIS05AL-SISCR-SB 10 *	SMSIS05CL-SISAR-SB 10 *	SMSIS05AL-SISAR-PB 10 *	SMSIS05CL-SISCR-SB 10 *
SMSIS05AL-SISAR-SD 10 *	SMSIS05AL-SISCR-SD 10 *	SMSIS05CL-SISAR-SD 10 *	SMSIS05AL-SISAR-PD 10 *	SMSIS05CL-SISCR-SD 10 *
SMSIS05AL-SISAR-SN 10 *	SMSIS05AL-SISCR-SN 10 *	SMSIS05CL-SISAR-SN 10 *	SMSIS05AL-SISAR-PN 10 *	SMSIS05CL-SISCR-SN 10 *
MSIP05AR-SIPAR-SA 10 *	MSIP05AR-SIPCR-SA 10 *	-	-	MSIP05CR-SIPCR-SA 10 *
MSIP05AR-SIPAR-SB 10 *	MSIP05AR-SIPCR-SB 10 *	-	-	MSIP05CR-SIPCR-SB 10 *
MSIP05AR-SIPAR-SD 10 *	MSIP05AR-SIPCR-SD 10 *	-	-	MSIP05CR-SIPCR-SD 10 *
MSIP05AR-SIPAR-SN 10 *	MSIP05AR-SIPCR-SN 10 *	-	-	MSIP05CR-SIPCR-SN 10 *
M12I05AR-12IAR-SA 10 *	M12I05AR-12ICR-SA 10 *	-	M12I05AR-12IAR-PA 10 *	M12I05CR-12ICR-SA 10 *
M12I05AR-12IAR-SB 10 *	M12I05AR-12ICR-SB 10 *	-	M12I05AR-12IAR-PB 10 *	M12I05CR-12ICR-SB 10 *
M12I05AR-12IAR-SD 10 *	M12I05AR-12ICR-SD 10 *	-	M12I05AR-12IAR-PD 10 *	M12I05CR-12ICR-SD 10 *
M12I05AR-12IAR-SN 10 *	M12I05AR-12ICR-SN 10 *	-	M12I05AR-SIPAR-PN 10 *	M12I05CR-12ICR-SN 10 *
MSIS05AR-SISAR-SA 10 *	MSIS05AR-SISCR-SA 10 *	-	MSIS05AR-SISAR-PA 10 *	MSIS05CR-SISCR-SA 10 *
MSIS05AR-SISAR-SB 10 *	MSIS05AR-SISCR-SB 10 *	-	MSIS05AR-SISAR-PB 10 *	MSIS05CR-SISCR-SB 10 *
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MSIS05AR-SISAR-SN 10 *	MSIS05AR-SISCR-SN 10 *	-	MSIS05AR-SISAR-PN 10 *	MSIS05CR-SISCR-SN 10 *
SM12I05AR-12IAR-SA 10 *	SM12I05AR-12ICR-SA 10 *	-	SM12I05AR-12IAR-PA 10 *	SM12I05CR-12ICR-SA 10 *
SM12I05AR-12IAR-SB 10 *	SM12I05AR-12ICR-SB 10 *	-	SM12I05AR-12IAR-PB 10 *	SM12I05CR-12ICR-SB 10 *
SM12I05AR-12IAR-SD 10 *	SM12I05AR-12ICR-SD 10 *	-	SM12I05AR-12IAR-PD 10 *	SM12I05CR-12ICR-SD 10 *
SM12I05AR-12IAR-SN 10 *	SM12I05AR-12ICR-SN 10 *	-	SM12I05AR-SIPAR-PN 10 *	SM12I05CR-12ICR-SN 10 *
SMSIS05AR-SISAR-SA 10 *	SMSIS05AR-SISCR-SA 10 *	-	SMSIS05AR-SISAR-PA 10 *	SMSIS05CR-SISCR-SA 10 *
SMSIS05AR-SISAR-SB 10 *	SMSIS05AR-SISCR-SB 10 *	-	SMSIS05AR-SISAR-PB 10 *	SMSIS05CR-SISCR-SB 10 *
SMSIS05AR-SISAR-SD 10 *	SMSIS05AR-SISCR-SD 10 *	-	SMSIS05AR-SISAR-PD 10 *	SMSIS05CR-SISCR-SD 10 *
SMSIS05AR-SISAR-SN 10 *	SMSIS05AR-SISCR-SN 10 *	-	SMSIS05AR-SISAR-PN 10 *	SMSIS05CR-SISCR-SN 10 *

Number of Contacts		6		
Coding		A		
Rated Voltage (AC/DC)		30V		
Nominal current		2A		
Pin Assignment		MM	MF	
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact				
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly 10 Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF				
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A06ML-12AMR-SA 10 *	SM12A06ML-12AFR-SA 10 *
		UL20549, PUR Jacket	SM12A06ML-12AMR-SB 10 *	SM12A06ML-12AFR-SB 10 *
		UL2517, PVC Jacket (Black)	SM12A06ML-12AMR-SD 10 *	SM12A06ML-12AFR-SD 10 *
		Cat. 5e, PUR Jacket	-	-
	Stainless Shielded	UL20549, High Flex / Bending PUR	SM12A06ML-12AMR-SN 10 *	SM12A06ML-12AFR-SN 10 *
		UL2517, PVC Jacket (Yellow)	SMSAS06ML-SASMR-SA 10 *	SMSAS06ML-SASFR-SA 10 *
		UL20549, PUR Jacket	SMSAS06ML-SASMR-SB 10 *	SMSAS06ML-SASFR-SB 10 *
		UL2517, PVC Jacket (Black)	SMSAS06ML-SASMR-SD 10 *	SMSAS06ML-SASFR-SD 10 *
	Cat. 5e, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSAS06ML-SASMR-SN 10 *	SMSAS06ML-SASFR-SN 10 *	
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly 10 Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF				
	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP06MR-SAPMR-SA 10 *	MSAP06MR-SAPFR-SA 10 *
		UL20549, PUR Jacket	MSAP06MR-SAPMR-SB 10	MSAP06MR-SAPFR-SB 10
		UL2517, PVC Jacket (Black)	MSAP06MR-SAPMR-SD 10	MSAP06MR-SAPFR-SD 10
		Cat. 5e, PUR Jacket	-	-
	Metal Nut	UL20549, High Flex / Bending PUR	MSAP06MR-SAPMR-SN 10 *	MSAP06MR-SAPFR-SN 10 *
		UL2517, PVC Jacket (Yellow)	M12A06MR-12AMR-SA 10 *	M12A06MR-12AFR-SA 10 *
		UL20549, PUR Jacket	M12A06MR-12AMR-SB 10	M12A06MR-12AFR-SB 10
		UL2517, PVC Jacket (Black)	M12A06MR-12AMR-SD 10	M12A06MR-12AFR-SD 10
	Shielded	Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12A06MR-12AMR-SN 10 *	M12A06MR-12AFR-SN 10 *
		UL2517, PVC Jacket (Yellow)	MSAS06MR-SASMR-SA 10 *	MSAS06MR-SASFR-SA 10 *
		UL20549, PUR Jacket	MSAS06MR-SASMR-SB 10 *	MSAS06MR-SASFR-SB 10 *
	Stainless	UL2517, PVC Jacket (Black)	MSAS06MR-SASMR-SD 10 *	MSAS06MR-SASFR-SD 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSAS06MR-SASMR-SN 10 *	MSAS06MR-SASFR-SN 10 *
		UL2517, PVC Jacket (Yellow)	SM12A06MR-12AMR-SA 10 *	SM12A06MR-12AFR-SA 10 *
	Stainless Shielded	UL20549, PUR Jacket	SM12A06MR-12AMR-SB 10 *	SM12A06MR-12AFR-SB 10 *
		UL2517, PVC Jacket (Black)	SM12A06MR-12AMR-SD 10 *	SM12A06MR-12AFR-SD 10 *
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12A06MR-12AMR-SN 10 *	SM12A06MR-12AFR-SN 10 *
	UL2517, PVC Jacket (Yellow)	SMSAS06MR-SASMR-SA 10 *	SMSAS06MR-SASFR-SA 10 *	
	UL20549, PUR Jacket	SMSAS06MR-SASMR-SB 10 *	SMSAS06MR-SASFR-SB 10 *	
	UL2517, PVC Jacket (Black)	SMSAS06MR-SASMR-SD 10 *	SMSAS06MR-SASFR-SD 10 *	
	Cat. 5e, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSAS06MR-SASMR-SN 10 *	SMSAS06MR-SASFR-SN 10 *	

* Upon Request

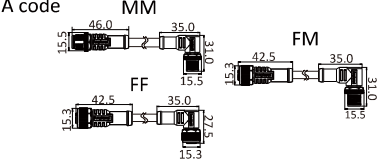
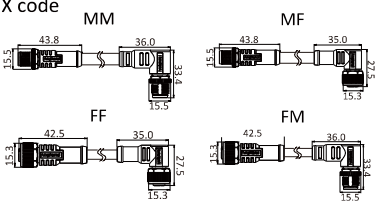
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6			8	
A			A	
30V			30V	
2A			2A	
FM	MPronto-12 (M/M)	FF	MM	MF
				
SM12A06FL-12AMR-SA ¹⁰ *	SM12A06ML-12AMR-PA ¹⁰ *	SM12A06FL-12AFR-SA ¹⁰ *	SM12A08ML-12AMR-SA ¹⁰ *	SM12A08ML-12AFR-SA ¹⁰ *
SM12A06FL-12AMR-SB ¹⁰ *	SM12A06ML-12AMR-PB ¹⁰ *	SM12A06FL-12AFR-SB ¹⁰ *	SM12A08ML-12AMR-SB ¹⁰ *	SM12A08ML-12AFR-SB ¹⁰ *
SM12A06FL-12AMR-SD ¹⁰ *	SM12A06ML-12AMR-PD ¹⁰ *	SM12A06FL-12AFR-SD ¹⁰ *	SM12A08ML-12AMR-SD ¹⁰ *	SM12A08ML-12AFR-SD ¹⁰ *
-	-	-	SM12A08ML-12AMR-SE ¹⁰ *	SM12A08ML-12AFR-SE ¹⁰ *
SM12A06FL-12AMR-SN ¹⁰ *	SM12A06ML-SAPMR-PN ¹⁰ *	SM12A06FL-12AFR-SN ¹⁰ *	SM12A08ML-12AMR-SN ¹⁰ *	SM12A08ML-12AFR-SN ¹⁰ *
SMSAS06FL-SASMR-SA ¹⁰ *	SMSAS06ML-SASMR-PA ¹⁰ *	SMSAS06FL-SASFR-SA ¹⁰ *	SMSAS08ML-SASMR-SA ¹⁰ *	SMSAS08ML-SASFR-SA ¹⁰ *
SMSAS06FL-SASMR-SB ¹⁰ *	SMSAS06ML-SASMR-PB ¹⁰ *	SMSAS06FL-SASFR-SB ¹⁰ *	SMSAS08ML-SASMR-SB ¹⁰ *	SMSAS08ML-SASFR-SB ¹⁰ *
SMSAS06FL-SASMR-SD ¹⁰ *	SMSAS06ML-SASMR-PD ¹⁰ *	SMSAS06FL-SASFR-SD ¹⁰ *	SMSAS08ML-SASMR-SD ¹⁰ *	SMSAS08ML-SASFR-SD ¹⁰ *
-	-	-	SMSAS08ML-SASMR-SE ¹⁰ *	SMSAS08ML-SASFR-SE ¹⁰ *
SMSAS06FL-SASMR-SN ¹⁰ *	SMSAS06ML-SASMR-PN ¹⁰ *	SMSAS06FL-SASFR-SN ¹⁰ *	SMSAS08ML-SASMR-SN ¹⁰ *	SMSAS08ML-SASFR-SN ¹⁰ *
-	-	MSAP06FR-SAPFR-SA ¹⁰ *	MSAP08MR-SAPMR-SA ¹⁰ *	MSAP08MR-SAPFR-SA ¹⁰ *
-	-	MSAP06FR-SAPFR-SB ¹⁰	MSAP08MR-SAPMR-SB ¹⁰	MSAP08MR-SAPFR-SB ¹⁰
-	-	MSAP06FR-SAPFR-SD ¹⁰	MSAP08MR-SAPMR-SD ¹⁰	MSAP08MR-SAPFR-SD ¹⁰
-	-	-	MSAP08MR-SAPMR-SE ¹⁰ *	MSAP08MR-SAPFR-SE ¹⁰ *
-	-	MSAP06FR-SAPFR-SN ¹⁰ *	MSAP08MR-SAPMR-SN ¹⁰ *	MSAP08MR-SAPFR-SN ¹⁰ *
-	M12A06MR-12AMR-PA ¹⁰ *	M12A06FR-12AFR-SA ¹⁰ *	M12A08MR-12AMR-SA ¹⁰ *	M12A08MR-12AFR-SA ¹⁰ *
-	M12A06MR-12AMR-PB ¹⁰ *	M12A06FR-12AFR-SB ¹⁰	M12A08MR-12AMR-SB ¹⁰	M12A08MR-12AFR-SB ¹⁰
-	M12A06MR-12AMR-PD ¹⁰ *	M12A06FR-12AFR-SD ¹⁰	M12A08MR-12AMR-SD ¹⁰	M12A08MR-12AFR-SD ¹⁰
-	-	-	M12A08MR-12AMR-SE ¹⁰ *	M12A08MR-12AFR-SE ¹⁰ *
-	M12A06MR-SAPMR-PN ¹⁰ *	M12A06FR-12AFR-SN ¹⁰ *	M12A08MR-12AMR-SN ¹⁰ *	M12A08MR-12AFR-SN ¹⁰ *
-	MSAS06MR-SASMR-PA ¹⁰ *	MSAS06FR-SASFR-SA ¹⁰ *	MSAS08MR-SASMR-SA ¹⁰ *	MSAS08MR-SASFR-SA ¹⁰ *
-	MSAS06MR-SASMR-PB ¹⁰ *	MSAS06FR-SASFR-SB ¹⁰ *	MSAS08MR-SASMR-SB ¹⁰ *	MSAS08MR-SASFR-SB ¹⁰ *
-	MSAS06MR-SASMR-PD ¹⁰ *	MSAS06FR-SASFR-SD ¹⁰ *	MSAS08MR-SASMR-SD ¹⁰ *	MSAS08MR-SASFR-SD ¹⁰ *
-	-	-	MSAS08MR-SASMR-SE ¹⁰ *	MSAS08MR-SASFR-SE ¹⁰ *
-	MSAS06MR-SASMR-PN ¹⁰ *	MSAS06FR-SASFR-SN ¹⁰ *	MSAS08MR-SASMR-SN ¹⁰ *	MSAS08MR-SASFR-SN ¹⁰ *
-	SM12A06MR-12AMR-PA ¹⁰ *	SM12A06FR-12AFR-SA ¹⁰ *	SM12A08MR-12AMR-SA ¹⁰ *	SM12A08MR-12AFR-SA ¹⁰ *
-	SM12A06MR-12AMR-PB ¹⁰ *	SM12A06FR-12AFR-SB ¹⁰ *	SM12A08MR-12AMR-SB ¹⁰ *	SM12A08MR-12AFR-SB ¹⁰ *
-	SM12A06MR-12AMR-PD ¹⁰ *	SM12A06FR-12AFR-SD ¹⁰ *	SM12A08MR-12AMR-SD ¹⁰ *	SM12A08MR-12AFR-SD ¹⁰ *
-	-	-	SM12A08MR-12AMR-SE ¹⁰ *	SM12A08MR-12AFR-SE ¹⁰ *
-	SM12A06MR-SAPMR-PN ¹⁰ *	SM12A06FR-12AFR-SN ¹⁰ *	SM12A08MR-12AMR-SN ¹⁰ *	SM12A08MR-12AFR-SN ¹⁰ *
-	SMSAS06MR-SASMR-PA ¹⁰ *	SMSAS06FR-SASFR-SA ¹⁰ *	SMSAS08MR-SASMR-SA ¹⁰ *	SMSAS08MR-SASFR-SA ¹⁰ *
-	SMSAS06MR-SASMR-PB ¹⁰ *	SMSAS06FR-SASFR-SB ¹⁰ *	SMSAS08MR-SASMR-SB ¹⁰ *	SMSAS08MR-SASFR-SB ¹⁰ *
-	SMSAS06MR-SASMR-PD ¹⁰ *	SMSAS06FR-SASFR-SD ¹⁰ *	SMSAS08MR-SASMR-SD ¹⁰ *	SMSAS08MR-SASFR-SD ¹⁰ *
-	-	-	SMSAS08MR-SASMR-SE ¹⁰ *	SMSAS08MR-SASFR-SE ¹⁰ *
-	SMSAS06MR-SASMR-PN ¹⁰ *	SMSAS06FR-SASFR-SN ¹⁰ *	SMSAS08MR-SASMR-SN ¹⁰ *	SMSAS08MR-SASFR-SN ¹⁰ *

Number of Contacts	8	
Coding	A	
Rated Voltage (AC/DC)	30V	
Nominal current	2A	
Pin Assignment	FM	MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact FM: Female Connector Male Contact		

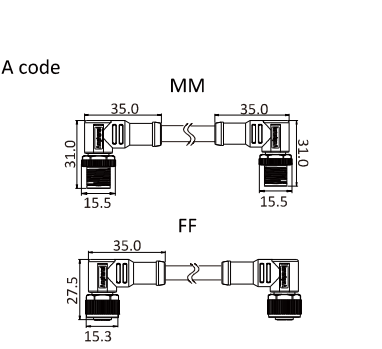
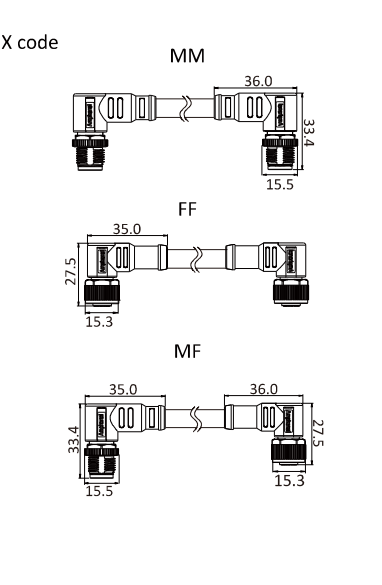
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

A code  X code 	Stainless	UL2517, PVC Jacket (Yellow)	SM12A08FL-12AMR-SA ⑩*	SM12A08ML-12AMR-PA ⑩*
		UL20549, PUR Jacket	SM12A08FL-12AMR-SB ⑩*	SM12A08ML-12AMR-PB ⑩*
		UL2517, PVC Jacket (Black)	SM12A08FL-12AMR-SD ⑩*	SM12A08ML-12AMR-PD ⑩*
		Cat. 5e, PUR Jacket	SM12A08FL-12AMR-SE ⑩*	SM12A08ML-12AMR-PE ⑩*
		UL20549, High Flex / Bending PUR	SM12A08FL-12AMR-SN ⑩*	SM12A08ML-SAPMR-PN ⑩*
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS08FL-SASMR-SA ⑩*	SMSAS08ML-SASMR-PA ⑩*
		UL20549, PUR Jacket	SMSAS08FL-SASMR-SB ⑩*	SMSAS08ML-SASMR-PB ⑩*
		UL2517, PVC Jacket (Black)	SMSAS08FL-SASMR-SD ⑩*	SMSAS08ML-SASMR-PD ⑩*
		Cat. 5e, PUR Jacket	SMSAS08FL-SASMR-SE ⑩*	SMSAS08ML-SASMR-PE ⑩*
		UL20549, High Flex / Bending PUR	SMSAS08FL-SASMR-SN ⑩*	SMSAS08ML-SASMR-PN ⑩*
			-	-

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly



⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

A code  X code 	All Plastic	UL2517, PVC Jacket (Yellow)	-	-
		UL20549, PUR Jacket	-	-
		UL2517, PVC Jacket (Black)	-	-
		Cat. 5e, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2517, PVC Jacket (Yellow)	-	M12A08MR-12AMR-PA ⑩*
		UL20549, PUR Jacket	-	M12A08MR-12AMR-PB ⑩*
		UL2517, PVC Jacket (Black)	-	M12A08MR-12AMR-PD ⑩*
		Cat. 5e, PUR Jacket	-	M12A08MR-12AMR-PE ⑩*
		UL20549, High Flex / Bending PUR	-	M12A08MR-SAPMR-PN ⑩*
	Shielded	UL2517, PVC Jacket (Yellow)	-	MSAS08MR-SASMR-PA ⑩*
		UL20549, PUR Jacket	-	MSAS08MR-SASMR-PB ⑩*
		UL2517, PVC Jacket (Black)	-	MSAS08MR-SASMR-PD ⑩*
		Cat. 5e, PUR Jacket	-	MSAS08MR-SASMR-PE ⑩*
		UL20549, High Flex / Bending PUR	-	MSAS08MR-SASMR-PN ⑩*
	Stainless	Cat. 6A, PUR Jacket (LSZH)	-	-
		UL2517, PVC Jacket (Yellow)	-	SM12A08MR-12AMR-PA ⑩*
		UL20549, PUR Jacket	-	SM12A08MR-12AMR-PB ⑩*
		UL2517, PVC Jacket (Black)	-	SM12A08MR-12AMR-PD ⑩*
		Cat. 5e, PUR Jacket	-	SM12A08MR-12AMR-PE ⑩*
Stainless Shielded	UL20549, High Flex / Bending PUR	-	SM12A08MR-SAPMR-PN ⑩*	
	UL2517, PVC Jacket (Yellow)	-	SMSAS08MR-SASMR-PA ⑩*	
	UL20549, PUR Jacket	-	SMSAS08MR-SASMR-PB ⑩*	
	UL2517, PVC Jacket (Black)	-	SMSAS08MR-SASMR-PD ⑩*	
	Cat. 5e, PUR Jacket	-	SMSAS08MR-SASMR-PE ⑩*	
			-	-

* Upon Request

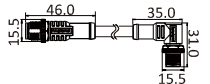
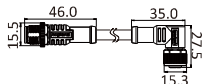
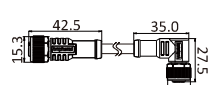
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

8	8			
A	X (CAT.6A)			
30V	30V			
2A	2A			
FF	MM	MF	FM	MPronto-12 (M/M)
				
SM12A08FL-12AFR-SA 10 *	-	-	-	-
SM12A08FL-12AFR-SB 10 *	-	-	-	-
SM12A08FL-12AFR-SD 10 *	-	-	-	-
SM12A08FL-12AFR-SE 10 *	-	-	-	-
SM12A08FL-12AFR-SN 10 *	-	-	-	-
SMSAS08FL-SASFR-SA 10 *	-	-	-	-
SMSAS08FL-SASFR-SB 10 *	-	-	-	-
SMSAS08FL-SASFR-SD 10 *	-	-	-	-
SMSAS08FL-SASFR-SE 10 *	-	-	-	-
SMSAS08FL-SASFR-SN 10 *	SMSXS08ML-SXSMMR-SN 10 *	SMSXS08ML-SXSFR-SN 10 *	SMSXS08FL-SXSMMR-SN 10 *	SMSXS08ML-SXSMMR-PN 10 *
-	SMSXS08ML-SXSMMR-SX 10 *	SMSXS08ML-SXSFR-SX 10 *	SMSXS08FL-SXSMMR-SX 10 *	SMSXS08ML-SXSMMR-PX 10 *
MSAP08FR-SAPFR-SA 10 *	-	-	-	-
MSAP08FR-SAPFR-SB 10 *	-	-	-	-
MSAP08FR-SAPFR-SD 10 *	-	-	-	-
MSAP08FR-SAPFR-SE 10 *	-	-	-	-
MSAP08FR-SAPFR-SN 10 *	-	-	-	-
M12A08FR-12AFR-SA 10 *	-	-	-	-
M12A08FR-12AFR-SB 10 *	-	-	-	-
M12A08FR-12AFR-SD 10 *	-	-	-	-
M12A08FR-12AFR-SE 10 *	-	-	-	-
M12A08FR-12AFR-SN 10 *	-	-	-	-
MSAS08FR-SASFR-SA 10 *	-	-	-	-
MSAS08FR-SASFR-SB 10 *	-	-	-	-
MSAS08FR-SASFR-SD 10 *	-	-	-	-
MSAS08FR-SASFR-SE 10 *	-	-	-	-
MSAS08FR-SASFR-SN 10 *	MSXS08MR-SXSMMR-SN 10 *	MSXS08MR-SXSFR-SN 10 *	-	MSXS08MR-SXSMMR-PN 10 *
-	MSXS08MR-SXSMMR-SX 10 *	MSXS08MR-SXSFR-SX 10 *	-	MSXS08MR-SXSMMR-PX 10 *
SM12A08FR-12AFR-SA 10 *	-	-	-	-
SM12A08FR-12AFR-SB 10 *	-	-	-	-
SM12A08FR-12AFR-SD 10 *	-	-	-	-
SM12A08FR-12AFR-SE 10 *	-	-	-	-
SM12A08FR-12AFR-SN 10 *	-	-	-	-
SMSAS08FR-SASFR-SA 10 *	-	-	-	-
SMSAS08FR-SASFR-SB 10 *	-	-	-	-
SMSAS08FR-SASFR-SD 10 *	-	-	-	-
SMSAS08FR-SASFR-SE 10 *	-	-	-	-
SMSAS08FR-SASFR-SN 10 *	SMSXS08MR-SXSMMR-SN 10 *	SMSXS08MR-SXSFR-SN 10 *	-	SMSXS08MR-SXSMMR-PN 10 *
-	SMSXS08MR-SXSMMR-SX 10 *	SMSXS08MR-SXSFR-SX 10 *	-	SMSXS08MR-SXSMMR-PX 10 *

Number of Contacts	8	8
Coding	X (CAT.6A)	Y (Hybrid)*
Rated Voltage (AC/DC)	30V	60V
Nominal current	2A	0.5A / 6A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact		

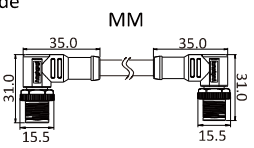
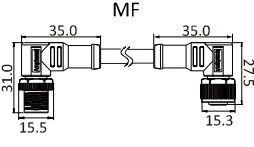
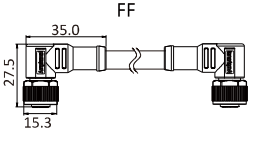
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

<p>A, Y code</p> <p>MM</p>  <p>MF</p>  <p>X code</p> <p>FF</p> 	Stainless	UL2517, PVC Jacket (Yellow)	-	-
		UL20549, PUR Jacket	-	-
		UL2517, PVC Jacket (Black)	-	-
		UL20549, High Flex / Bending PUR	-	-
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	-	SMSYS08ML-SYSMR-SA ⑩*
		UL20549, PUR Jacket	-	SMSYS08ML-SYSMR-SB ⑩*
		UL2517, PVC Jacket (Black)	-	SMSYS08ML-SYSMR-SD ⑩*
		UL20549, High Flex / Bending PUR	SMSXS08FL-SXSFR-SN ⑩*	-
		Cat. 6A, PUR Jacket (LSZH)	SMSXS08FL-SXSFR-SX ⑩*	-







































































































RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly



⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

<p>A, Y code</p> <p>MM</p>  <p>MF</p>  <p>X code</p> <p>FF</p> 	All Plastic	UL2517, PVC Jacket (Yellow)	-	-	
		UL20549, PUR Jacket	-	-	
		UL2517, PVC Jacket (Black)	-	-	
		UL20549, High Flex / Bending PUR	-	-	
	Metal Nut	UL2517, PVC Jacket (Yellow)	-	-	
		UL20549, PUR Jacket	-	-	
		UL2517, PVC Jacket (Black)	-	-	
		UL20549, High Flex / Bending PUR	-	-	
	Shielded	UL2517, PVC Jacket (Yellow)	-	MSYS08MR-SYSMR-SA ⑩*	
		UL20549, PUR Jacket	-	MSYS08MR-SYSMR-SB ⑩*	
		UL2517, PVC Jacket (Black)	-	MSYS08MR-SYSMR-SD ⑩*	
		UL20549, High Flex / Bending PUR	MSXS08FR-SXSFR-SN ⑩*	-	
			Cat. 6A, PUR Jacket (LSZH)	MSXS08FR-SXSFR-SX ⑩*	-
	Stainless	UL2517, PVC Jacket (Yellow)	-	-	
		UL20549, PUR Jacket	-	-	
		UL2517, PVC Jacket (Black)	-	-	
UL20549, High Flex / Bending PUR		-	-		
Stainless Shielded	UL2517, PVC Jacket (Yellow)	-	SMSYS08MR-SYSMR-SA ⑩*		
	UL20549, PUR Jacket	-	SMSYS08MR-SYSMR-SB ⑩*		
	UL2517, PVC Jacket (Black)	-	SMSYS08MR-SYSMR-SD ⑩*		
	UL20549, High Flex / Bending PUR	SMSXS08FR-SXSFR-SN ⑩*	-		
		Cat. 6A, PUR Jacket (LSZH)	SMSXS08FR-SXSFR-SX ⑩*	-	

* Upon Request

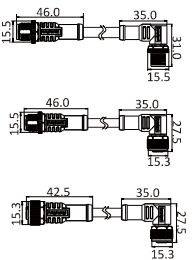
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

8		10		
Y (Hybrid)*		A		
60V		30V		
0.5A / 6A		1.5A		
MF	MPronto-12 (M/M)	MM	MF	MPronto-12 (M/M)
				
-	-	SM12A10ML-12AMR-SA 	SM12A10ML-12AFR-SA 	SM12A10ML-12AMR-PA 
-	-	SM12A10ML-12AMR-SB 	SM12A10ML-12AFR-SB 	SM12A10ML-12AMR-PB 
-	-	SM12A10ML-12AMR-SD 	SM12A10ML-12AFR-SD 	SM12A10ML-12AMR-PD 
-	-	SM12A10ML-12AMR-SN 	SM12A10ML-12AFR-SN 	SM12A10ML-SAPMR-PN 
-	SMSYS08ML-SYSMR-PA 	SMSAS10ML-SASMR-SA 	SMSAS10ML-SASFR-SA 	SMSAS10ML-SASMR-PA 
-	SMSYS08ML-SYSMR-PB 	SMSAS10ML-SASMR-SB 	SMSAS10ML-SASFR-SB 	SMSAS10ML-SASMR-PB 
-	SMSYS08ML-SYSMR-PD 	SMSAS10ML-SASMR-SD 	SMSAS10ML-SASFR-SD 	SMSAS10ML-SASMR-PD 
-	-	SMSAS10ML-SASMR-SN 	SMSAS10ML-SASFR-SN 	SMSAS10ML-SASMR-PN 
-	-	-	-	-
-	-	MSAP10MR-SAPMR-SA 	MSAP10MR-SAPFR-SA 	-
-	-	MSAP10MR-SAPMR-SB 	MSAP10MR-SAPFR-SB 	-
-	-	MSAP10MR-SAPMR-SD 	MSAP10MR-SAPFR-SD 	-
MSAP10MR-SAPFR-SN 	-	MSAP10MR-SAPMR-SN 	MSAP10MR-SAPFR-SN 	-
-	-	M12A10MR-12AMR-SA 	M12A10MR-12AFR-SA 	M12A10MR-12AMR-PA 
-	-	M12A10MR-12AMR-SB 	M12A10MR-12AFR-SB 	M12A10MR-12AMR-PB 
-	-	M12A10MR-12AMR-SD 	M12A10MR-12AFR-SD 	M12A10MR-12AMR-PD 
M12A10MR-12AFR-SN 	-	M12A10MR-12AMR-SN 	M12A10MR-12AFR-SN 	M12A10MR-SAPMR-PN 
MSAS10MR-SASFR-SA 	MSYS08MR-SYSMR-PA 	MSAS10MR-SASMR-SA 	MSAS10MR-SASFR-SA 	MSAS10MR-SASMR-PA 
MSAS10MR-SASFR-SB 	MSYS08MR-SYSMR-PB 	MSAS10MR-SASMR-SB 	MSAS10MR-SASFR-SB 	MSAS10MR-SASMR-PB 
MSAS10MR-SASFR-SD 	MSYS08MR-SYSMR-PD 	MSAS10MR-SASMR-SD 	MSAS10MR-SASFR-SD 	MSAS10MR-SASMR-PD 
MSAS10MR-SASFR-SN 	-	MSAS10MR-SASMR-SN 	MSAS10MR-SASFR-SN 	MSAS10MR-SASMR-PN 
-	-	-	-	-
-	-	SM12A10MR-12AMR-SA 	SM12A10MR-12AFR-SA 	SM12A10MR-12AMR-PA 
-	-	SM12A10MR-12AMR-SB 	SM12A10MR-12AFR-SB 	SM12A10MR-12AMR-PB 
-	-	SM12A10MR-12AMR-SD 	SM12A10MR-12AFR-SD 	SM12A10MR-12AMR-PD 
SM12A10MR-12AFR-SN 	-	SM12A10MR-12AMR-SN 	SM12A10MR-12AFR-SN 	SM12A10MR-SAPMR-PN 
SMSAS10MR-SASFR-SA 	SMSYS08MR-SYSMR-PA 	SMSAS10MR-SASMR-SA 	SMSAS10MR-SASFR-SA 	SMSAS10MR-SASMR-PA 
SMSAS10MR-SASFR-SB 	SMSYS08MR-SYSMR-PB 	SMSAS10MR-SASMR-SB 	SMSAS10MR-SASFR-SB 	SMSAS10MR-SASMR-PB 
SMSAS10MR-SASFR-SD 	SMSYS08MR-SYSMR-PD 	SMSAS10MR-SASMR-SD 	SMSAS10MR-SASFR-SD 	SMSAS10MR-SASMR-PD 
SMSAS10MR-SASFR-SN 	-	SMSAS10MR-SASMR-SN 	SMSAS10MR-SASFR-SN 	SMSAS10MR-SASMR-PN 
-	-	-	-	-

Number of Contacts	10	12
Coding	A	A
Rated Voltage (AC/DC)	30V	30V
Nominal current	1.5A	1.5A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact MF: Male Connector Female Contact		

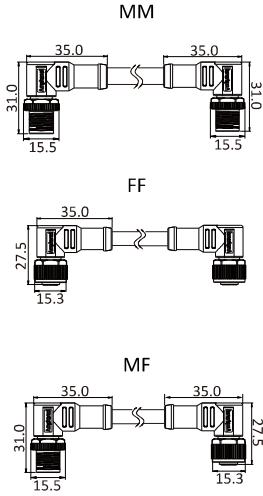
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

	Stainless	UL2517, PVC Jacket (Yellow)	SM12A10FL-12AFR-SA ⑩ *	SM12A12ML-12AMR-SA ⑩ *
		UL20549, PUR Jacket	SM12A10FL-12AFR-SB ⑩ *	SM12A12ML-12AMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SM12A10FL-12AFR-SD ⑩ *	SM12A12ML-12AMR-SD ⑩ *
	Stainless Shielded	UL20549, High Flex / Bending PUR	SM12A10FL-12AFR-SN ⑩ *	SM12A12ML-12AMR-SN ⑩ *
		UL2517, PVC Jacket (Yellow)	SMSAS10FL-SASFR-SA ⑩ *	SMSAS12ML-SASMR-SA ⑩ *
		UL20549, PUR Jacket	SMSAS10FL-SASFR-SB ⑩ *	SMSAS12ML-SASMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SMSAS10FL-SASFR-SD ⑩ *	SMSAS12ML-SASMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SMSAS10FL-SASFR-SN ⑩ *	SMSAS12ML-SASMR-SN ⑩ *































































































































RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF



	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP10FR-SAPFR-SA ⑩ *	MSAP12MR-SAPMR-SA ⑩ *
		UL20549, PUR Jacket	MSAP10FR-SAPFR-SB ⑩	MSAP12MR-SAPMR-SB ⑩
		UL2517, PVC Jacket (Black)	MSAP10FR-SAPFR-SD ⑩	MSAP12MR-SAPMR-SD ⑩
		UL20549, High Flex / Bending PUR	MSAP10FR-SAPFR-SN ⑩ *	MSAP12MR-SAPMR-SN ⑩ *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A10FR-12AFR-SA ⑩ *	M12A12MR-12AMR-SA ⑩ *
		UL20549, PUR Jacket	M12A10FR-12AFR-SB ⑩	M12A12MR-12AMR-SB ⑩
		UL2517, PVC Jacket (Black)	M12A10FR-12AFR-SD ⑩	M12A12MR-12AMR-SD ⑩
		UL20549, High Flex / Bending PUR	M12A10FR-12AFR-SN ⑩ *	M12A12MR-12AMR-SN ⑩ *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS10FR-SASFR-SA ⑩ *	MSAS12MR-SASMR-SA ⑩ *
		UL20549, PUR Jacket	MSAS10FR-SASFR-SB ⑩ *	MSAS12MR-SASMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	MSAS10FR-SASFR-SD ⑩ *	MSAS12MR-SASMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	MSAS10FR-SASFR-SN ⑩ *	MSAS12MR-SASMR-SN ⑩ *
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A10FR-12AFR-SA ⑩ *	SM12A12MR-12AMR-SA ⑩ *
		UL20549, PUR Jacket	SM12A10FR-12AFR-SB ⑩ *	SM12A12MR-12AMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SM12A10FR-12AFR-SD ⑩ *	SM12A12MR-12AMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SM12A10FR-12AFR-SN ⑩ *	SM12A12MR-12AMR-SN ⑩ *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS10FR-SASFR-SA ⑩ *	SMSAS12MR-SASMR-SA ⑩ *
		UL20549, PUR Jacket	SMSAS10FR-SASFR-SB ⑩ *	SMSAS12MR-SASMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SMSAS10FR-SASFR-SD ⑩ *	SMSAS12MR-SASMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SMSAS10FR-SASFR-SN ⑩ *	SMSAS12MR-SASMR-SN ⑩ *

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

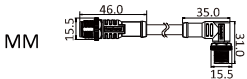
12			17	
A			A	
30V			30V	
1.5A			1.5A	
MF	MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)
				
-	SM12A12ML-12AMR-PA 	SM12A12FL-12AFR-SA 	SM12A17ML-12AMR-SA 	SM12A17ML-12AMR-PA 
-	SM12A12ML-12AMR-PB 	SM12A12FL-12AFR-SB 	SM12A17ML-12AMR-SB 	SM12A17ML-12AMR-PB 
-	SM12A12ML-12AMR-PD 	SM12A12FL-12AFR-SD 	SM12A17ML-12AMR-SD 	SM12A17ML-12AMR-PD 
-	SM12A12ML-SAPMR-PN 	SM12A12FL-12AFR-SN 	SM12A17ML-12AMR-SN 	SM12A17ML-SAPMR-PN 
-	SMSAS12ML-SASMR-PA 	SMSAS12FL-SASFR-SA 	SMSAS17ML-SASMR-SA 	SMSAS17ML-SASMR-PA 
-	SMSAS12ML-SASMR-PB 	SMSAS12FL-SASFR-SB 	SMSAS17ML-SASMR-SB 	SMSAS17ML-SASMR-PB 
-	SMSAS12ML-SASMR-PD 	SMSAS12FL-SASFR-SD 	SMSAS17ML-SASMR-SD 	SMSAS17ML-SASMR-PD 
-	SMSAS12ML-SASMR-PN 	SMSAS12FL-SASFR-SN 	SMSAS17ML-SASMR-SN 	SMSAS17ML-SASMR-PN 
MSAP12MR-SAPFR-SA 	-	MSAP12FR-SAPFR-SA 	MSAP17MR-SAPMR-SA 	-
MSAP12MR-SAPFR-SB 	-	MSAP12FR-SAPFR-SB 	MSAP17MR-SAPMR-SB 	-
MSAP12MR-SAPFR-SD 	-	MSAP12FR-SAPFR-SD 	MSAP17MR-SAPMR-SD 	-
MSAP12MR-SAPFR-SN 	-	MSAP12FR-SAPFR-SN 	MSAP17MR-SAPMR-SN 	-
M12A12MR-12AFR-SA 	M12A12MR-12AMR-PA 	M12A12FR-12AFR-SA 	M12A17MR-12AMR-SA 	M12A17MR-12AMR-PA 
M12A12MR-12AFR-SB 	M12A12MR-12AMR-PB 	M12A12FR-12AFR-SB 	M12A17MR-12AMR-SB 	M12A17MR-12AMR-PB 
M12A12MR-12AFR-SD 	M12A12MR-12AMR-PD 	M12A12FR-12AFR-SD 	M12A17MR-12AMR-SD 	M12A17MR-12AMR-PD 
M12A12MR-12AFR-SN 	M12A12MR-SAPMR-PN 	M12A12FR-12AFR-SN 	M12A17MR-12AMR-SN 	M12A17MR-SAPMR-PN 
MSAS12MR-SASFR-SA 	MSAS12MR-SASMR-PA 	MSAS12FR-SASFR-SA 	MSAS17MR-SASMR-SA 	MSAS17MR-SASMR-PA 
MSAS12MR-SASFR-SB 	MSAS12MR-SASMR-PB 	MSAS12FR-SASFR-SB 	MSAS17MR-SASMR-SB 	MSAS17MR-SASMR-PB 
MSAS12MR-SASFR-SD 	MSAS12MR-SASMR-PD 	MSAS12FR-SASFR-SD 	MSAS17MR-SASMR-SD 	MSAS17MR-SASMR-PD 
MSAS12MR-SASFR-SN 	MSAS12MR-SASMR-PN 	MSAS12FR-SASFR-SN 	MSAS17MR-SASMR-SN 	MSAS17MR-SASMR-PN 
SM12A12MR-12AFR-SA 	SM12A12MR-12AMR-PA 	SM12A12FR-12AFR-SA 	SM12A17MR-12AMR-SA 	SM12A17MR-12AMR-PA 
SM12A12MR-12AFR-SB 	SM12A12MR-12AMR-PB 	SM12A12FR-12AFR-SB 	SM12A17MR-12AMR-SB 	SM12A17MR-12AMR-PB 
SM12A12MR-12AFR-SD 	SM12A12MR-12AMR-PD 	SM12A12FR-12AFR-SD 	SM12A17MR-12AMR-SD 	SM12A17MR-12AMR-PD 
SM12A12MR-12AFR-SN 	SM12A12MR-SAPMR-PN 	SM12A12FR-12AFR-SN 	SM12A17MR-12AMR-SN 	SM12A17MR-SAPMR-PN 
SMSAS12MR-SASFR-SA 	SMSAS12MR-SASMR-PA 	SMSAS12FR-SASFR-SA 	SMSAS17MR-SASMR-SA 	SMSAS17MR-SASMR-PA 
SMSAS12MR-SASFR-SB 	SMSAS12MR-SASMR-PB 	SMSAS12FR-SASFR-SB 	SMSAS17MR-SASMR-SB 	SMSAS17MR-SASMR-PB 
SMSAS12MR-SASFR-SD 	SMSAS12MR-SASMR-PD 	SMSAS12FR-SASFR-SD 	SMSAS17MR-SASMR-SD 	SMSAS17MR-SASMR-PD 
SMSAS12MR-SASFR-SN 	SMSAS12MR-SASMR-PN 	SMSAS12FR-SASFR-SN 	SMSAS17MR-SASMR-SN 	SMSAS17MR-SASMR-PN 

M12

Number of Contacts	17	18
Coding	A	A
Rated Voltage (AC/DC)	30V	30V
Nominal current	1.5A	0.5A
Pin Assignment	FF	MM
MM: Male Connector Male Contact FF: Female Connector Female Contact		

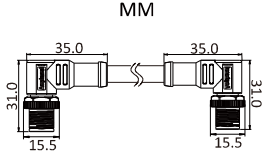
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	Stainless	UL2517, PVC Jacket (Yellow)	SM12A17FL-12AFR-SA ⑩ *	SM12A18ML-12AMR-SA ⑩ *
		UL20549, PUR Jacket	SM12A17FL-12AFR-SB ⑩ *	SM12A18ML-12AMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SM12A17FL-12AFR-SD ⑩ *	SM12A18ML-12AMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SM12A17FL-12AFR-SN ⑩ *	SM12A18ML-12AMR-SN ⑩ *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS17FL-SASFR-SA ⑩ *	SMSAS18ML-SASMR-SA ⑩ *
		UL20549, PUR Jacket	SMSAS17FL-SASFR-SB ⑩ *	SMSAS18ML-SASMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SMSAS17FL-SASFR-SD ⑩ *	SMSAS18ML-SASMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SMSAS17FL-SASFR-SN ⑩ *	SMSAS18ML-SASMR-SN ⑩ *







































































































































RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP17FR-SAPFR-SA ⑩ *	MSAP18MR-SAPMR-SA ⑩ *
		UL20549, PUR Jacket	MSAP17FR-SAPFR-SB ⑩ *	MSAP18MR-SAPMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	MSAP17FR-SAPFR-SD ⑩ *	MSAP18MR-SAPMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	MSAP17FR-SAPFR-SN ⑩ *	MSAP18MR-SAPMR-SN ⑩ *
	Metal Nut	UL2517, PVC Jacket (Yellow)	M12A17FR-12AFR-SA ⑩ *	M12A18MR-12AMR-SA ⑩ *
		UL20549, PUR Jacket	M12A17FR-12AFR-SB ⑩ *	M12A18MR-12AMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	M12A17FR-12AFR-SD ⑩ *	M12A18MR-12AMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	M12A17FR-12AFR-SN ⑩ *	M12A18MR-12AMR-SN ⑩ *
	Shielded	UL2517, PVC Jacket (Yellow)	MSAS17FR-SASFR-SA ⑩ *	MSAS18MR-SASMR-SA ⑩ *
		UL20549, PUR Jacket	MSAS17FR-SASFR-SB ⑩ *	MSAS18MR-SASMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	MSAS17FR-SASFR-SD ⑩ *	MSAS18MR-SASMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	MSAS17FR-SASFR-SN ⑩ *	MSAS18MR-SASMR-SN ⑩ *
	Stainless	UL2517, PVC Jacket (Yellow)	SM12A17FR-12AFR-SA ⑩ *	SM12A18MR-12AMR-SA ⑩ *
		UL20549, PUR Jacket	SM12A17FR-12AFR-SB ⑩ *	SM12A18MR-12AMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SM12A17FR-12AFR-SD ⑩ *	SM12A18MR-12AMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SM12A17FR-12AFR-SN ⑩ *	SM12A18MR-12AMR-SN ⑩ *
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS17FR-SASFR-SA ⑩ *	SMSAS18MR-SASMR-SA ⑩ *
		UL20549, PUR Jacket	SMSAS17FR-SASFR-SB ⑩ *	SMSAS18MR-SASMR-SB ⑩ *
		UL2517, PVC Jacket (Black)	SMSAS17FR-SASFR-SD ⑩ *	SMSAS18MR-SASMR-SD ⑩ *
		UL20549, High Flex / Bending PUR	SMSAS17FR-SASFR-SN ⑩ *	SMSAS18MR-SASMR-SN ⑩ *


* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

18		24		
A		A		
30V		30V		
0.5A		0.5A		
MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)	FF
				
SM12A18ML-12AMR-PA  *	SM12A18FL-12AFR-SA  *	SM12A24ML-12AMR-SA  *	SM12A24ML-12AMR-PA  *	SM12A24FL-12AFR-SA  *
SM12A18ML-12AMR-PB  *	SM12A18FL-12AFR-SB  *	SM12A24ML-12AMR-SB  *	SM12A24ML-12AMR-PB  *	SM12A24FL-12AFR-SB  *
SM12A18ML-12AMR-PD  *	SM12A18FL-12AFR-SD  *	SM12A24ML-12AMR-SD  *	SM12A24ML-12AMR-PD  *	SM12A24FL-12AFR-SD  *
SM12A18ML-SAPMR-PN  *	SM12A18FL-12AFR-SN  *	SM12A24ML-12AMR-SN  *	SM12A24ML-SAPMR-PN  *	SM12A24FL-12AFR-SN  *
SMSAS18ML-SASMR-PA  *	SMSAS18FL-SASFR-SA  *	SMSAS24ML-SASMR-SA  *	SMSAS24ML-SASMR-PA  *	SMSAS24FL-SASFR-SA  *
SMSAS18ML-SASMR-PB  *	SMSAS18FL-SASFR-SB  *	SMSAS24ML-SASMR-SB  *	SMSAS24ML-SASMR-PB  *	SMSAS24FL-SASFR-SB  *
SMSAS18ML-SASMR-PD  *	SMSAS18FL-SASFR-SD  *	SMSAS24ML-SASMR-SD  *	SMSAS24ML-SASMR-PD  *	SMSAS24FL-SASFR-SD  *
SMSAS18ML-SASMR-PN  *	SMSAS18FL-SASFR-SN  *	SMSAS24ML-SASMR-SN  *	SMSAS24ML-SASMR-PN  *	SMSAS24FL-SASFR-SN  *
-	MSAP18FR-SAPFR-SA  *	MSAP24MR-SAPMR-SA  *	-	MSAP24FR-SAPFR-SA  *
-	MSAP18FR-SAPFR-SB  *	MSAP24MR-SAPMR-SB  *	-	MSAP24FR-SAPFR-SB  *
-	MSAP18FR-SAPFR-SD  *	MSAP24MR-SAPMR-SD  *	-	MSAP24FR-SAPFR-SD  *
-	MSAP18FR-SAPFR-SN  *	MSAP24MR-SAPMR-SN  *	-	MSAP24FR-SAPFR-SN  *
M12A18MR-12AMR-PA  *	M12A18FR-12AFR-SA  *	M12A24MR-12AMR-SA  *	M12A24MR-12AMR-PA  *	M12A24FR-12AFR-SA  *
M12A18MR-12AMR-PB  *	M12A18FR-12AFR-SB  *	M12A24MR-12AMR-SB  *	M12A24MR-12AMR-PB  *	M12A24FR-12AFR-SB  *
M12A18MR-12AMR-PD  *	M12A18FR-12AFR-SD  *	M12A24MR-12AMR-SD  *	M12A24MR-12AMR-PD  *	M12A24FR-12AFR-SD  *
M12A18MR-SAPMR-PN  *	M12A18FR-12AFR-SN  *	M12A24MR-12AMR-SN  *	M12A24MR-SAPMR-PN  *	M12A24FR-12AFR-SN  *
MSAS18MR-SASMR-PA  *	MSAS18FR-SASFR-SA  *	MSAS24MR-SASMR-SA  *	MSAS24MR-SASMR-PA  *	MSAS24FR-SASFR-SA  *
MSAS18MR-SASMR-PB  *	MSAS18FR-SASFR-SB  *	MSAS24MR-SASMR-SB  *	MSAS24MR-SASMR-PB  *	MSAS24FR-SASFR-SB  *
MSAS18MR-SASMR-PD  *	MSAS18FR-SASFR-SD  *	MSAS24MR-SASMR-SD  *	MSAS24MR-SASMR-PD  *	MSAS24FR-SASFR-SD  *
MSAS18MR-SASMR-PN  *	MSAS18FR-SASFR-SN  *	MSAS24MR-SASMR-SN  *	MSAS24MR-SASMR-PN  *	MSAS24FR-SASFR-SN  *
SM12A18MR-12AMR-PA  *	SM12A18FR-12AFR-SA  *	SM12A24MR-12AMR-SA  *	SM12A24MR-12AMR-PA  *	SM12A24FR-12AFR-SA  *
SM12A18MR-12AMR-PB  *	SM12A18FR-12AFR-SB  *	SM12A24MR-12AMR-SB  *	SM12A24MR-12AMR-PB  *	SM12A24FR-12AFR-SB  *
SM12A18MR-12AMR-PD  *	SM12A18FR-12AFR-SD  *	SM12A24MR-12AMR-SD  *	SM12A24MR-12AMR-PD  *	SM12A24FR-12AFR-SD  *
SM12A18MR-SAPMR-PN  *	SM12A18FR-12AFR-SN  *	SM12A24MR-12AMR-SN  *	SM12A24MR-SAPMR-PN  *	SM12A24FR-12AFR-SN  *
SMSAS18MR-SASMR-PA  *	SMSAS18FR-SASFR-SA  *	SMSAS24MR-SASMR-SA  *	SMSAS24MR-SASMR-PA  *	SMSAS24FR-SASFR-SA  *
SMSAS18MR-SASMR-PB  *	SMSAS18FR-SASFR-SB  *	SMSAS24MR-SASMR-SB  *	SMSAS24MR-SASMR-PB  *	SMSAS24FR-SASFR-SB  *
SMSAS18MR-SASMR-PD  *	SMSAS18FR-SASFR-SD  *	SMSAS24MR-SASMR-SD  *	SMSAS24MR-SASMR-PD  *	SMSAS24FR-SASFR-SD  *
SMSAS18MR-SASMR-PN  *	SMSAS18FR-SASFR-SN  *	SMSAS24MR-SASMR-SN  *	SMSAS24MR-SASMR-PN  *	SMSAS24FR-SASFR-SN  *

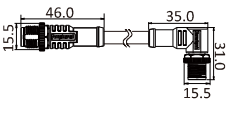
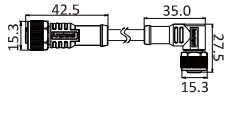
M12 A-Code

Screw Threaded (M12 * 1.0) Overmolded Cable

Number of Contacts	28		
Coding	A		
Rated Voltage (AC/DC)	30V		
Nominal current	0.5A		
Pin Assignment	MM	MPronto-12 (M/M)	FF
MM: Male Connector Male Contact FF: Female Connector Female Contact			

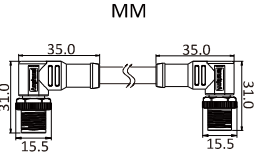
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF


	Stainless	UL2517, PVC Jacket (Yellow)	SM12A28ML-12AMR-SA 10 *	SM12A28ML-12AMR-PA 10 *	SM12A28FL-12AFR-SA 10 *		
		UL20549, PUR Jacket	SM12A28ML-12AMR-SB 10 *	SM12A28ML-12AMR-PB 10 *	SM12A28FL-12AFR-SB 10 *		
		UL2517, PVC Jacket (Black)	SM12A28ML-12AMR-SD 10 *	SM12A28ML-12AMR-PD 10 *	SM12A28FL-12AFR-SD 10 *		
		UL20549, High Flex / Bending PUR	SM12A28ML-12AMR-SN 10 *	SAPMR-PN 10 *	SM12A28FL-12AFR-SN 10 *		
		Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS28ML-SASMR-SA 10 *	SMSAS28ML-SASMR-PA 10 *	SMSAS28FL-SASFR-SA 10 *	
			UL20549, PUR Jacket	SMSAS28ML-SASMR-SB 10 *	SMSAS28ML-SASMR-PB 10 *	SMSAS28FL-SASFR-SB 10 *	
	UL2517, PVC Jacket (Black)		SMSAS28ML-SASMR-SD 10 *	SMSAS28ML-SASMR-PD 10 *	SMSAS28FL-SASFR-SD 10 *		
	UL20549, High Flex / Bending PUR		SMSAS28ML-SASMR-SN 10 *	SMSAS28ML-SASMR-PN 10 *	SMSAS28FL-SASFR-SN 10 *		
			Stainless	UL2517, PVC Jacket (Yellow)	MSAP28MR-SAPMR-SA 10 *	-	MSAP28FR-SAPFR-SA 10 *
				UL20549, PUR Jacket	MSAP28MR-SAPMR-SB 10 *	-	MSAP28FR-SAPFR-SB 10 *
		UL2517, PVC Jacket (Black)		MSAP28MR-SAPMR-SD 10 *	-	MSAP28FR-SAPFR-SD 10 *	
		UL20549, High Flex / Bending PUR		MSAP28MR-SAPMR-SN 10 *	-	MSAP28FR-SAPFR-SN 10 *	
Metal Nut		UL2517, PVC Jacket (Yellow)		M12A28MR-12AMR-SA 10 *	M12A28MR-12AMR-PA 10 *	M12A28FR-12AFR-SA 10 *	
		UL20549, PUR Jacket		M12A28MR-12AMR-SB 10 *	M12A28MR-12AMR-PB 10 *	M12A28FR-12AFR-SB 10 *	
		UL2517, PVC Jacket (Black)	M12A28MR-12AMR-SD 10 *	M12A28MR-12AMR-PD 10 *	M12A28FR-12AFR-SD 10 *		
		UL20549, High Flex / Bending PUR	M12A28MR-12AMR-SN 10 *	SAPMR-PN 10 *	M12A28FR-12AFR-SN 10 *		
		Shielded	UL2517, PVC Jacket (Yellow)	MSAS28MR-SASMR-SA 10 *	MSAS28MR-SASMR-PA 10 *	MSAS28FR-SASFR-SA 10 *	
			UL20549, PUR Jacket	MSAS28MR-SASMR-SB 10 *	MSAS28MR-SASMR-PB 10 *	MSAS28FR-SASFR-SB 10 *	
UL2517, PVC Jacket (Black)			MSAS28MR-SASMR-SD 10 *	MSAS28MR-SASMR-PD 10 *	MSAS28FR-SASFR-SD 10 *		
UL20549, High Flex / Bending PUR			MSAS28MR-SASMR-SN 10 *	MSAS28MR-SASMR-PN 10 *	MSAS28FR-SASFR-SN 10 *		
Stainless	UL2517, PVC Jacket (Yellow)		SM12A28MR-12AMR-SA 10 *	SM12A28MR-12AMR-PA 10 *	SM12A28FR-12AFR-SA 10 *		
	UL20549, PUR Jacket		SM12A28MR-12AMR-SB 10 *	SM12A28MR-12AMR-PB 10 *	SM12A28FR-12AFR-SB 10 *		
	UL2517, PVC Jacket (Black)	SM12A28MR-12AMR-SD 10 *	SM12A28MR-12AMR-PD 10 *	SM12A28FR-12AFR-SD 10 *			
	UL20549, High Flex / Bending PUR	SM12A28MR-12AMR-SN 10 *	SAPMR-PN 10 *	SM12A28FR-12AFR-SN 10 *			
	Stainless Shielded	UL2517, PVC Jacket (Yellow)	SMSAS28MR-SASMR-SA 10 *	SMSAS28MR-SASMR-PA 10 *	SMSAS28FR-SASFR-SA 10 *		
		UL20549, PUR Jacket	SMSAS28MR-SASMR-SB 10 *	SMSAS28MR-SASMR-PB 10 *	SMSAS28FR-SASFR-SB 10 *		
UL2517, PVC Jacket (Black)		SMSAS28MR-SASMR-SD 10 *	SMSAS28MR-SASMR-PD 10 *	SMSAS28FR-SASFR-SD 10 *			
UL20549, High Flex / Bending PUR		SMSAS28MR-SASMR-SN 10 *	SMSAS28MR-SASMR-PN 10 *	SMSAS28FR-SASFR-SN 10 *			

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (M) MM, (F) FF

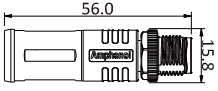
	All Plastic	UL2517, PVC Jacket (Yellow)	MSAP28MR-SAPMR-SA 10 *	-	MSAP28FR-SAPFR-SA 10 *	
		UL20549, PUR Jacket	MSAP28MR-SAPMR-SB 10 *	-	MSAP28FR-SAPFR-SB 10 *	
		UL2517, PVC Jacket (Black)	MSAP28MR-SAPMR-SD 10 *	-	MSAP28FR-SAPFR-SD 10 *	
		UL20549, High Flex / Bending PUR	MSAP28MR-SAPMR-SN 10 *	-	MSAP28FR-SAPFR-SN 10 *	
		Metal Nut	UL2517, PVC Jacket (Yellow)	M12A28MR-12AMR-SA 10 *	M12A28MR-12AMR-PA 10 *	M12A28FR-12AFR-SA 10 *
			UL20549, PUR Jacket	M12A28MR-12AMR-SB 10 *	M12A28MR-12AMR-PB 10 *	M12A28FR-12AFR-SB 10 *
	UL2517, PVC Jacket (Black)		M12A28MR-12AMR-SD 10 *	M12A28MR-12AMR-PD 10 *	M12A28FR-12AFR-SD 10 *	
	UL20549, High Flex / Bending PUR		M12A28MR-12AMR-SN 10 *	SAPMR-PN 10 *	M12A28FR-12AFR-SN 10 *	
	Shielded		UL2517, PVC Jacket (Yellow)	MSAS28MR-SASMR-SA 10 *	MSAS28MR-SASMR-PA 10 *	MSAS28FR-SASFR-SA 10 *
			UL20549, PUR Jacket	MSAS28MR-SASMR-SB 10 *	MSAS28MR-SASMR-PB 10 *	MSAS28FR-SASFR-SB 10 *
		UL2517, PVC Jacket (Black)	MSAS28MR-SASMR-SD 10 *	MSAS28MR-SASMR-PD 10 *	MSAS28FR-SASFR-SD 10 *	
		UL20549, High Flex / Bending PUR	MSAS28MR-SASMR-SN 10 *	MSAS28MR-SASMR-PN 10 *	MSAS28FR-SASFR-SN 10 *	
		Stainless	UL2517, PVC Jacket (Yellow)	SM12A28MR-12AMR-SA 10 *	SM12A28MR-12AMR-PA 10 *	SM12A28FR-12AFR-SA 10 *
			UL20549, PUR Jacket	SM12A28MR-12AMR-SB 10 *	SM12A28MR-12AMR-PB 10 *	SM12A28FR-12AFR-SB 10 *
	UL2517, PVC Jacket (Black)		SM12A28MR-12AMR-SD 10 *	SM12A28MR-12AMR-PD 10 *	SM12A28FR-12AFR-SD 10 *	
	UL20549, High Flex / Bending PUR		SM12A28MR-12AMR-SN 10 *	SAPMR-PN 10 *	SM12A28FR-12AFR-SN 10 *	
	Stainless Shielded		UL2517, PVC Jacket (Yellow)	SMSAS28MR-SASMR-SA 10 *	SMSAS28MR-SASMR-PA 10 *	SMSAS28FR-SASFR-SA 10 *
			UL20549, PUR Jacket	SMSAS28MR-SASMR-SB 10 *	SMSAS28MR-SASMR-PB 10 *	SMSAS28FR-SASFR-SB 10 *
		UL2517, PVC Jacket (Black)	SMSAS28MR-SASMR-SD 10 *	SMSAS28MR-SASMR-PD 10 *	SMSAS28FR-SASFR-SD 10 *	
		UL20549, High Flex / Bending PUR	SMSAS28MR-SASMR-SN 10 *	SMSAS28MR-SASMR-PN 10 *	SMSAS28FR-SASFR-SN 10 *	

* Upon Request ¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	2	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	16A	
Pin Assignment	MM	MPronto-12 (M/M)
MM : Male Connector Male Contact		

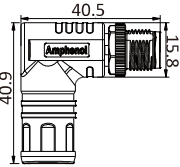
STRAIGHT, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	MSLP-02BMMM-SL8H 10 *	-
		UL20549, High Flex / Bending PUR	MSLP-02BMMM-SL8N 10 *	-
	Metal Nut	UL20233, PUR Jacket	M12L-02BMMM-SL8H 10 *	M12L-02BMMM-PL8H 10 *
		UL20549, High Flex / Bending PUR	M12L-02BMMM-SL8N 10 *	M12L-02BMMM-PL8N 10 *
	Shielded	UL20233, PUR Jacket	MSLS-02BMMM-SL8H 10 *	MSLS-02BMMM-PL8H 10 *
		UL20549, High Flex / Bending PUR	MSLS-02BMMM-SL8N 10 *	MSLS-02BMMM-PL8N 10 *
	Stainless	UL20233, PUR Jacket	SM12L-02BMMM-SL8H 10 *	SM12L-02BMMM-PL8H 10 *
		UL20549, High Flex / Bending PUR	SM12L-02BMMM-SL8N 10 *	SM12L-02BMMM-PL8N 10 *
	Stainless Shielded	UL20233, PUR Jacket	SMSLS-02BMMM-SL8H 10 *	SMSLS-02BMMM-PL8H 10 *
		UL20549, High Flex / Bending PUR	SMSLS-02BMMM-SL8N 10 *	SMSLS-02BMMM-PL8N 10 *



RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

10 Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	MSLP-02BMMM-SR8H 10 *	-
		UL20549, High Flex / Bending PUR	MSLP-02BMMM-SR8N 10 *	-
	Metal Nut	UL20233, PUR Jacket	M12L-02BMMM-SR8H 10 *	M12L-02BMMM-PR8H 10 *
		UL20549, High Flex / Bending PUR	M12L-02BMMM-SR8N 10 *	M12L-02BMMM-PR8N 10 *
	Shielded	UL20233, PUR Jacket	MSLS-02BMMM-SR8H 10 *	MSLS-02BMMM-PR8H 10 *
		UL20549, High Flex / Bending PUR	MSLS-02BMMM-SR8N 10 *	MSLS-02BMMM-PR8N 10 *
	Stainless	UL20233, PUR Jacket	SM12L-02BMMM-SR8H 10 *	SM12L-02BMMM-PR8H 10 *
		UL20549, High Flex / Bending PUR	SM12L-02BMMM-SR8N 10 *	SM12L-02BMMM-PR8N 10 *
	Stainless Shielded	UL20233, PUR Jacket	SMSLS-02BMMM-SR8H 10 *	SMSLS-02BMMM-PR8H 10 *
		UL20549, High Flex / Bending PUR	SMSLS-02BMMM-SR8N 10 *	SMSLS-02BMMM-PR8N 10 *

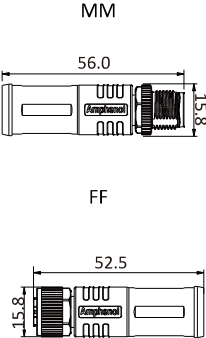
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

Number of Contacts	2	2
Coding	L	T
Rated Voltage (AC/DC)	63V	63V
Nominal current	16A	12A
Pin Assignment	FF	MM
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	MSLP-02BFFM-SL8H ⑩*	MSTP-02BMMM-SL8H ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSLP-02BFFM-SL8N ⑩*	MSTP-02BMMM-SL8N ⑩*
	Metal Nut	UL20233, PUR Jacket	M12L-02BFFM-SL8H ⑩*	M12T-02BMMM-SL8H ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12L-02BFFM-SL8N ⑩*	M12T-02BMMM-SL8N ⑩*
	Shielded	UL20233, PUR Jacket	MSLS-02BFFM-SL8H ⑩*	MSTS-02BMMM-SL8H ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSLS-02BFFM-SL8N ⑩*	MSTS-02BMMM-SL8N ⑩*
	Stainless	UL20233, PUR Jacket	SM12L-02BFFM-SL8H ⑩*	SM12T-02BMMM-SL8H ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12L-02BFFM-SL8N ⑩*	SM12T-02BMMM-SL8N ⑩*
Stainless Shielded	UL20233, PUR Jacket	SMSLS-02BFFM-SL8H ⑩*	SMSTS-02BMMM-SL8H ⑩*	
	UL20234, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSLS-02BFFM-SL8N ⑩*	SMSTS-02BMMM-SL8N ⑩*	



RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End


⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	MSLP-02BFFM-SR8H ⑩*	MSTP-02BMMM-SR8H ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSLP-02BFFM-SR8N ⑩*	MSTP-02BMMM-SR8N ⑩*
	Metal Nut	UL20233, PUR Jacket	M12L-02BFFM-SR8H ⑩*	M12T-02BMMM-SR8H ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12L-02BFFM-SR8N ⑩*	M12T-02BMMM-SR8N ⑩*
	Shielded	UL20233, PUR Jacket	MSLS-02BFFM-SR8H ⑩*	MSTS-02BMMM-SR8H ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSLS-02BFFM-SR8N ⑩*	MSTS-02BMMM-SR8N ⑩*
	Stainless	UL20233, PUR Jacket	SM12L-02BFFM-SR8H ⑩*	SM12T-02BMMM-SR8H ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12L-02BFFM-SR8N ⑩*	SM12T-02BMMM-SR8N ⑩*
Stainless Shielded	UL20233, PUR Jacket	SMSLS-02BFFM-SR8H ⑩*	SMSTS-02BMMM-SR8H ⑩*	
	UL20234, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSLS-02BFFM-SR8N ⑩*	SMSTS-02BMMM-SR8N ⑩*	

* Upon Request

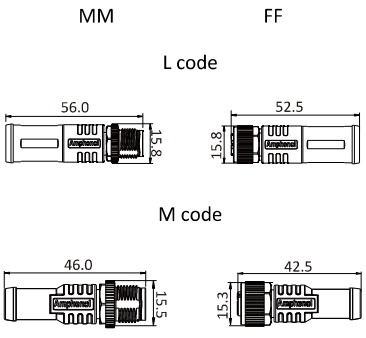
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

2		3 (2+PE)		
T		K		
63V		630V		
12A		16A		
MPronto-12 (M/M)	FF	Male Power / Female Ground	MPronto-12 (M/M)	Female Power / Male Ground
				
-	MSTP-02BFFM-SL8H ¹⁰ *	-	-	-
-	-	MSKP-03BMEM-SL8S ¹⁰ *	-	MSKP-03BFDM-SL8S ¹⁰ *
-	MSTP-02BFFM-SL8N ¹⁰ *	MSKP-03BMEM-SL8N ¹⁰ *	-	MSKP-03BFDM-SL8N ¹⁰ *
M12T-02BMMM-PL8H ¹⁰ *	M12T-02BFFM-SL8H ¹⁰ *	-	-	-
-	-	M12K-03BMEM-SL8S ¹⁰ *	M12K-03BMEM-PL8S ¹⁰ *	M12K-03BFDM-SL8S ¹⁰ *
M12T-02BMMM-PL8N ¹⁰ *	M12T-02BFFM-SL8N ¹⁰ *	M12K-03BMEM-SL8N ¹⁰ *	M12K-03BMEM-PL8N ¹⁰ *	M12K-03BFDM-SL8N ¹⁰ *
MSTS-02BMMM-PL8H ¹⁰ *	MSTS-02BFFM-SL8H ¹⁰ *	-	-	-
-	-	MSKS-03BMEM-SL8S ¹⁰ *	MSKS-03BMEM-PL8S ¹⁰ *	MSKS-03BFDM-SL8S ¹⁰ *
MSTS-02BMMM-PL8N ¹⁰ *	MSTS-02BFFM-SL8N ¹⁰ *	MSKS-03BMEM-SL8N ¹⁰ *	MSKS-03BMEM-PL8N ¹⁰ *	MSKS-03BFDM-SL8N ¹⁰ *
SM12T-02BMMM-PL8H ¹⁰ *	SM12T-02BFFM-SL8H ¹⁰ *	-	-	-
-	-	SM12K-03BMEM-SL8S ¹⁰ *	SM12K-03BMEM-PL8S ¹⁰ *	SM12K-03BFDM-SL8S ¹⁰ *
SM12T-02BMMM-PL8N ¹⁰ *	SM12T-02BFFM-SL8N ¹⁰ *	SM12K-03BMEM-SL8N ¹⁰ *	SM12K-03BMEM-PL8N ¹⁰ *	SM12K-03BFDM-SL8N ¹⁰ *
SMSTS-02BMMM-PL8H ¹⁰ *	SMSTS-02BFFM-SL8H ¹⁰ *	-	-	-
-	-	SMSKS-03BMEM-SL8S ¹⁰ *	SMSKS-03BMEM-PL8S ¹⁰ *	SMSKS-03BFDM-SL8S ¹⁰ *
SMSTS-02BMMM-PL8N ¹⁰ *	SMSTS-02BFFM-SL8N ¹⁰ *	SMSKS-03BMEM-SL8N ¹⁰ *	SMSKS-03BMEM-PL8N ¹⁰ *	SMSKS-03BFDM-SL8N ¹⁰ *
-	MSTP-02BFFM-SR8H ¹⁰ *	-	-	-
-	-	MSKP-03BMEM-SR8S ¹⁰ *	-	MSKP-03BFDM-SR8S ¹⁰ *
-	MSTP-02BFFM-SR8N ¹⁰ *	MSKP-03BMEM-SR8N ¹⁰ *	-	MSKP-03BFDM-SR8N ¹⁰ *
M12T-02BMMM-PR8H ¹⁰ *	M12T-02BFFM-SR8H ¹⁰ *	-	-	-
-	-	M12K-03BMEM-SR8S ¹⁰ *	M12K-03BMEM-PR8S ¹⁰ *	M12K-03BFDM-SR8S ¹⁰ *
M12T-02BMMM-PR8N ¹⁰ *	M12T-02BFFM-SR8N ¹⁰ *	M12K-03BMEM-SR8N ¹⁰ *	M12K-03BMEM-PR8N ¹⁰ *	M12K-03BFDM-SR8N ¹⁰ *
MSTS-02BMMM-PR8H ¹⁰ *	MSTS-02BFFM-SR8H ¹⁰ *	-	-	-
-	-	MSKS-03BMEM-SR8S ¹⁰ *	MSKS-03BMEM-PR8S ¹⁰ *	MSKS-03BFDM-SR8S ¹⁰ *
MSTS-02BMMM-PR8N ¹⁰ *	MSTS-02BFFM-SR8N ¹⁰ *	MSKS-03BMEM-SR8N ¹⁰ *	MSKS-03BMEM-PR8N ¹⁰ *	MSKS-03BFDM-SR8N ¹⁰ *
SM12T-02BMMM-PR8H ¹⁰ *	SM12T-02BFFM-SR8H ¹⁰ *	-	-	-
-	-	SM12K-03BMEM-SR8S ¹⁰ *	SM12K-03BMEM-PR8S ¹⁰ *	SM12K-03BFDM-SR8S ¹⁰ *
SM12T-02BMMM-PR8N ¹⁰ *	SM12T-02BFFM-SR8N ¹⁰ *	SM12K-03BMEM-SR8N ¹⁰ *	SM12K-03BMEM-PR8N ¹⁰ *	SM12K-03BFDM-SR8N ¹⁰ *
SMSTS-02BMMM-PR8H ¹⁰ *	SMSTS-02BFFM-SR8H ¹⁰ *	-	-	-
-	-	SMSKS-03BMEM-SR8S ¹⁰ *	SMSKS-03BMEM-PR8S ¹⁰ *	SMSKS-03BFDM-SR8S ¹⁰ *
SMSTS-02BMMM-PR8N ¹⁰ *	SMSTS-02BFFM-SR8N ¹⁰ *	SMSKS-03BMEM-SR8N ¹⁰ *	SMSKS-03BMEM-PR8N ¹⁰ *	SMSKS-03BFDM-SR8N ¹⁰ *

Number of Contacts	3 (2+PE)	
Coding	M	
Rated Voltage (AC/DC)	630V	
Nominal current	8A	
Pin Assignment	ME	MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

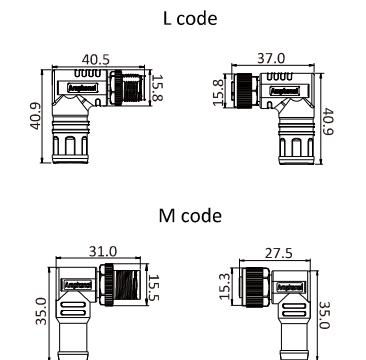
STRAIGHT, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	MSMP-03BMEM-SL8S ⑩*	-
		UL20549, High Flex / Bending PUR	MSMP-03BMEM-SL8N ⑩*	-
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	M12M-03BMEM-SL8S ⑩*	M12M-03BMEM-PL8S ⑩*
		UL20549, High Flex / Bending PUR	M12M-03BMEM-SL8N ⑩*	M12M-03BMEM-PL8N ⑩*
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	MSMS-03BMEM-SL8S ⑩*	MSMS-03BMEM-PL8S ⑩*
		UL20549, High Flex / Bending PUR	MSMS-03BMEM-SL8N ⑩*	MSMS-03BMEM-PL8N ⑩*
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	SM12M-03BMEM-SL8S ⑩*	SM12M-03BMEM-PL8S ⑩*
		UL20549, High Flex / Bending PUR	SM12M-03BMEM-SL8N ⑩*	SM12M-03BMEM-PL8N ⑩*
Stainless Shielded	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	SMSMS-03BMEM-SL8S ⑩*	SMSMS-03BMEM-PL8S ⑩*	
	UL20549, High Flex / Bending PUR	SMSMS-03BMEM-SL8N ⑩*	SMSMS-03BMEM-PL8N ⑩*	




RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End


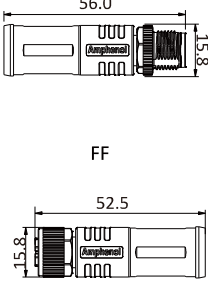
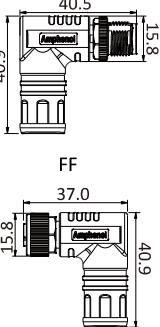
⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	MSMP-03BMEM-SR8S ⑩*	-
		UL20549, High Flex / Bending PUR	MSMP-03BMEM-SR8N ⑩*	-
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	M12M-03BMEM-SR8S ⑩*	M12M-03BMEM-PR8S ⑩*
		UL20549, High Flex / Bending PUR	M12M-03BMEM-SR8N ⑩*	M12M-03BMEM-PR8N ⑩*
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	MSMS-03BMEM-SR8S ⑩*	MSMS-03BMEM-PR8S ⑩*
		UL20549, High Flex / Bending PUR	MSMS-03BMEM-SR8N ⑩*	MSMS-03BMEM-PR8N ⑩*
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	SM12M-03BMEM-SR8S ⑩*	SM12M-03BMEM-PR8S ⑩*
		UL20549, High Flex / Bending PUR	SM12M-03BMEM-SR8N ⑩*	SM12M-03BMEM-PR8N ⑩*
Stainless Shielded	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	SMSMS-03BMEM-SR8S ⑩*	SMSMS-03BMEM-PR8S ⑩*	
	UL20549, High Flex / Bending PUR	SMSMS-03BMEM-SR8N ⑩*	SMSMS-03BMEM-PR8N ⑩*	

* Upon Request



¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths



3 (2+PE)	3			3 (2+FE)
M	L			L
630V	63V			63V
8A	12A			16A
FD	MM	MPronto-12 (M/M)	FF	Male Power / Female Ground
				
-	MSLP-03BMMM-SL8H ¹⁰ *	-	MSLP-03BFFM-SL8H ¹⁰ *	MSLP-03BMEM-SL8H ¹⁰ *
MSMP-03BFDM-SL8S ¹⁰ *	-	-	-	-
MSMP-03BFDM-SL8N ¹⁰ *	MSLP-03BMMM-SL8N ¹⁰ *	-	MSLP-03BFFM-SL8N ¹⁰ *	MSLP-03BMEM-SL8N ¹⁰ *
-	M12L-03BMMM-SL8H ¹⁰ *	M12L-03BMMM-PL8H ¹⁰ *	M12L-03BFFM-SL8H ¹⁰ *	M12L-03BMEM-SL8H ¹⁰ *
M12M-03BFDM-SL8S ¹⁰ *	-	-	-	-
M12M-03BFDM-SL8N ¹⁰ *	M12L-03BMMM-SL8N ¹⁰ *	M12L-03BMMM-PL8N ¹⁰ *	M12L-03BFFM-SL8N ¹⁰ *	M12L-03BMEM-SL8N ¹⁰ *
-	MSLS-03BMMM-SL8H ¹⁰ *	MSLS-03BMMM-PL8H ¹⁰ *	MSLS-03BFFM-SL8H ¹⁰ *	MSLS-03BMEM-SL8H ¹⁰ *
MSMS-03BFDM-SL8S ¹⁰ *	-	-	-	-
MSMS-03BFDM-SL8N ¹⁰ *	MSLS-03BMMM-SL8N ¹⁰ *	MSLS-03BMMM-PL8N ¹⁰ *	MSLS-03BFFM-SL8N ¹⁰ *	MSLS-03BMEM-SL8N ¹⁰ *
-	SM12L-03BMMM-SL8H ¹⁰ *	SM12L-03BMMM-PL8H ¹⁰ *	SM12L-03BFFM-SL8H ¹⁰ *	SM12L-03BMEM-SL8H ¹⁰ *
SM12M-03BFDM-SL8S ¹⁰ *	-	-	-	-
SM12M-03BFDM-SL8N ¹⁰ *	SM12L-03BMMM-SL8N ¹⁰ *	SM12L-03BMMM-PL8N ¹⁰ *	SM12L-03BFFM-SL8N ¹⁰ *	SM12L-03BMEM-SL8N ¹⁰ *
-	SMSLS-03BMMM-SL8H ¹⁰ *	SMSLS-03BMMM-PL8H ¹⁰ *	SMSLS-03BFFM-SL8H ¹⁰ *	SMSLS-03BMEM-SL8H ¹⁰ *
SMSMS-03BFDM-SL8S ¹⁰ *	-	-	-	-
SMSMS-03BFDM-SL8N ¹⁰ *	SMSLS-03BMMM-SL8N ¹⁰ *	SMSLS-03BMMM-PL8N ¹⁰ *	SMSLS-03BFFM-SL8N ¹⁰ *	SMSLS-03BMEM-SL8N ¹⁰ *
-	MSLP-03BMMM-SR8H ¹⁰ *	-	MSLP-03BFFM-SR8H ¹⁰ *	MSLP-03BMEM-SR8H ¹⁰ *
MSMP-03BFDM-SR8S ¹⁰ *	-	-	-	-
MSMP-03BFDM-SR8N ¹⁰ *	MSLP-03BMMM-SR8N ¹⁰ *	-	MSLP-03BFFM-SR8N ¹⁰ *	MSLP-03BMEM-SR8N ¹⁰ *
-	M12L-03BMMM-SR8H ¹⁰ *	M12L-03BMMM-PR8H ¹⁰ *	M12L-03BFFM-SR8H ¹⁰ *	M12L-03BMEM-SR8H ¹⁰ *
M12M-03BFDM-SR8S ¹⁰ *	-	-	-	-
M12M-03BFDM-SR8N ¹⁰ *	M12L-03BMMM-SR8N ¹⁰ *	M12L-03BMMM-PR8N ¹⁰ *	M12L-03BFFM-SR8N ¹⁰ *	M12L-03BMEM-SR8N ¹⁰ *
-	MSLS-03BMMM-SR8H ¹⁰ *	MSLS-03BMMM-PR8H ¹⁰ *	MSLS-03BFFM-SR8H ¹⁰ *	MSLS-03BMEM-SR8H ¹⁰ *
MSMS-03BFDM-SR8S ¹⁰ *	-	-	-	-
MSMS-03BFDM-SR8N ¹⁰ *	MSLS-03BMMM-SR8N ¹⁰ *	MSLS-03BMMM-PR8N ¹⁰ *	MSLS-03BFFM-SR8N ¹⁰ *	MSLS-03BMEM-SR8N ¹⁰ *
-	SM12L-03BMMM-SR8H ¹⁰ *	SM12L-03BMMM-PR8H ¹⁰ *	SM12L-03BFFM-SR8H ¹⁰ *	SM12L-03BMEM-SR8H ¹⁰ *
SM12M-03BFDM-SR8S ¹⁰ *	-	-	-	-
SM12M-03BFDM-SR8N ¹⁰ *	SM12L-03BMMM-SR8N ¹⁰ *	SM12L-03BMMM-PR8N ¹⁰ *	SM12L-03BFFM-SR8N ¹⁰ *	SM12L-03BMEM-SR8N ¹⁰ *
-	SMSLS-03BMMM-SR8H ¹⁰ *	SMSLS-03BMMM-PR8H ¹⁰ *	SMSLS-03BFFM-SR8H ¹⁰ *	SMSLS-03BMEM-SR8H ¹⁰ *
SMSMS-03BFDM-SR8S ¹⁰ *	-	-	-	-
SMSMS-03BFDM-SR8N ¹⁰ *	SMSLS-03BMMM-SR8N ¹⁰ *	SMSLS-03BMMM-PR8N ¹⁰ *	SMSLS-03BFFM-SR8N ¹⁰ *	SMSLS-03BMEM-SR8N ¹⁰ *

Number of Contacts		3 (2+FE)		
Coding		L		
Rated Voltage (AC/DC)		63V		
Nominal current		16A		
Pin Assignment		MPronto-12 (M/M)	Female Power/Male Ground	
MM: Male Connector Male Contact FF: Female Connector Female Contact ME: Male Connector Male PWD + Female GND FD: Female Connector Female PWD + Male GND				
STRAIGHT , Overmolded Cable Assembly, Free Cable End				
⑩ Cable Length: (01) 1M ~ (99) 99M ¹⁾				
	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	MSLP-03BFDM-SL8H ⑩*
		UL20549, High Flex / Bending PUR	-	MSLP-03BFDM-SL8N ⑩*
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	M12L-03B MEM -PL8H ⑩*	M12L-03BFDM-SL8H ⑩*
		UL20234, PUR Jacket	-	-
	Shielded	UL20549, High Flex / Bending PUR	M12L-03B MEM -PL8N ⑩*	M12L-03BFDM-SL8N ⑩*
		UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	M SLS -03B MEM -PL8H ⑩*	M SLS -03BFDM-SL8H ⑩*
	Stainless	UL20549, High Flex / Bending PUR	M SLS -03B MEM -PL8N ⑩*	M SLS -03BFDM-SL8N ⑩*
		UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	SM12L-03B MEM -PL8H ⑩*	SM12L-03BFDM-SL8H ⑩*
Stainless Shielded	UL20549, High Flex / Bending PUR	SM12L-03B MEM -PL8N ⑩*	SM12L-03BFDM-SL8N ⑩*	
	UL2586, PVC Jacket	-	-	
	UL20233, PUR Jacket	S MSLS -03B MEM -PL8H ⑩*	S MSLS -03BFDM-SL8H ⑩*	
UL20549, High Flex / Bending PUR	S MSLS -03B MEM -PL8N ⑩*	S MSLS -03BFDM-SL8N ⑩*		
RIGHT ANGLE , Overmolded Cable Assembly, Free Cable End				
⑩ Cable Length: (01) 1M ~ (99) 99M ¹⁾				
	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	MSLP-03BFDM-SR8H ⑩*
		UL20549, High Flex / Bending PUR	-	MSLP-03BFDM-SR8N ⑩*
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	M12L-03B MEM -PR8H ⑩*	M12L-03BFDM-SR8H ⑩*
		UL20549, High Flex / Bending PUR	M12L-03B MEM -PR8N ⑩*	M12L-03BFDM-SR8N ⑩*
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	M SLS -03B MEM -PR8H ⑩*	M SLS -03BFDM-SR8H ⑩*
		UL20549, High Flex / Bending PUR	M SLS -03B MEM -PR8N ⑩*	M SLS -03BFDM-SR8N ⑩*
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	SM12L-03B MEM -PR8H ⑩*	SM12L-03BFDM-SR8H ⑩*
		UL20549, High Flex / Bending PUR	SM12L-03B MEM -PR8N ⑩*	SM12L-03BFDM-SR8N ⑩*
Stainless Shielded	UL2586, PVC Jacket	-	-	
	UL20233, PUR Jacket	S MSLS -03B MEM -PR8H ⑩*	S MSLS -03BFDM-SR8H ⑩*	
	UL20549, High Flex / Bending PUR	S MSLS -03B MEM -PR8N ⑩*	S MSLS -03BFDM-SR8N ⑩*	

* Upon Request

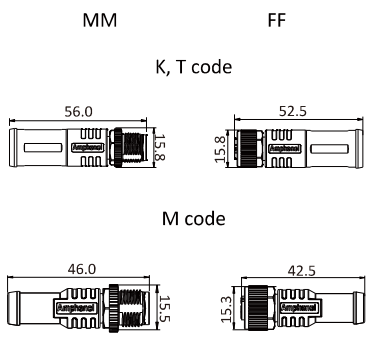
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (2+PE)			3	
S			T	
630V			63V	
12A			12A	
MM	MPronto-12 (M/M)	FF	MM	MPronto-12 (M/M)
				
MSSP-03BMMM-SL8G ¹⁰ *	-	MSSP-03BFFM-SL8G ¹⁰ *	-	-
-	-	-	MSTP-03BMMM-SL8H ¹⁰ *	-
MSSP-03BMMM-SL8N ¹⁰ *	-	MSSP-03BFFM-SL8N ¹⁰ *	MSTP-03BMMM-SL8N ¹⁰ *	-
M12S-03BMMM-SL8G ¹⁰ *	M12S-03BMMM-PL8G ¹⁰ *	M12S-03BFFM-SL8G ¹⁰ *	-	-
-	-	-	M12T-03BMMM-SL8H ¹⁰ *	M12T-03BMMM-PL8H ¹⁰ *
M12S-03BMMM-SL8S ¹⁰	-	-	-	-
M12S-03BMMM-SL8N ¹⁰ *	M12S-03BMMM-PL8N ¹⁰ *	M12S-03BFFM-SL8N ¹⁰ *	M12T-03BMMM-SL8N ¹⁰ *	M12T-03BMMM-PL8N ¹⁰ *
-	MSSS-03BMMM-PL8G ¹⁰ *	MSSS-03BFFM-SL8G ¹⁰ *	-	-
-	-	-	MSTS-03BMMM-SL8H ¹⁰ *	MSTS-03BMMM-PL8H ¹⁰ *
MSSS-03BMMM-SL8N ¹⁰ *	MSSS-03BMMM-PL8N ¹⁰ *	MSSS-03BFFM-SL8N ¹⁰ *	MSTS-03BMMM-SL8N ¹⁰ *	MSTS-03BMMM-PL8N ¹⁰ *
-	SM12S-03BMMM-PL8G ¹⁰ *	SM12S-03BFFM-SL8G ¹⁰ *	-	-
-	-	-	SM12T-03BMMM-SL8H ¹⁰ *	SM12T-03BMMM-PL8H ¹⁰ *
SM12S-03BMMM-SL8N ¹⁰ *	SM12S-03BMMM-PL8N ¹⁰ *	SM12S-03BFFM-SL8N ¹⁰ *	SM12T-03BMMM-SL8N ¹⁰ *	SM12T-03BMMM-PL8N ¹⁰ *
-	SMSSS-03BMMM-PL8G ¹⁰ *	SMSSS-03BFFM-SL8G ¹⁰ *	-	-
-	-	-	SMSTS-03BMMM-SL8H ¹⁰ *	SMSTS-03BMMM-PL8H ¹⁰ *
SMSSS-03BMMM-SL8N ¹⁰ *	SMSSS-03BMMM-PL8N ¹⁰ *	SMSSS-03BFFM-SL8N ¹⁰ *	SMSTS-03BMMM-SL8N ¹⁰ *	SMSTS-03BMMM-PL8N ¹⁰ *
MSSP-03BMMM-SR8G ¹⁰ *	-	MSSP-03BFFM-SR8G ¹⁰ *	-	-
-	-	-	MSTP-03BMMM-SR8H ¹⁰ *	-
MSSP-03BMMM-SR8N ¹⁰ *	-	MSSP-03BFFM-SR8N ¹⁰ *	MSTP-03BMMM-SR8N ¹⁰ *	-
M12S-03BMMM-SR8G ¹⁰ *	M12S-03BMMM-PR8G ¹⁰ *	M12S-03BFFM-SR8G ¹⁰ *	-	-
-	-	-	M12T-03BMMM-SR8H ¹⁰ *	M12T-03BMMM-PR8H ¹⁰ *
M12S-03BMMM-SR8N ¹⁰ *	M12S-03BMMM-PR8N ¹⁰ *	M12S-03BFFM-SR8N ¹⁰ *	M12T-03BMMM-SR8N ¹⁰ *	M12T-03BMMM-PR8N ¹⁰ *
MSSS-03BMMM-SR8G ¹⁰ *	MSSS-03BMMM-PR8G ¹⁰ *	MSSS-03BFFM-SR8G ¹⁰ *	-	-
-	-	-	MSTS-03BMMM-SR8H ¹⁰ *	MSTS-03BMMM-PR8H ¹⁰ *
MSSS-03BMMM-SR8N ¹⁰ *	MSSS-03BMMM-PR8N ¹⁰ *	MSSS-03BFFM-SR8N ¹⁰ *	MSTS-03BMMM-SR8N ¹⁰ *	MSTS-03BMMM-PR8N ¹⁰ *
SM12S-03BMMM-SR8G ¹⁰ *	SM12S-03BMMM-PR8G ¹⁰ *	SM12S-03BFFM-SR8G ¹⁰ *	-	-
-	-	-	SM12T-03BMMM-SR8H ¹⁰ *	SM12T-03BMMM-PR8H ¹⁰ *
SM12S-03BMMM-SR8N ¹⁰ *	SM12S-03BMMM-PR8N ¹⁰ *	SM12S-03BFFM-SR8N ¹⁰ *	SM12T-03BMMM-SR8N ¹⁰ *	SM12T-03BMMM-PR8N ¹⁰ *
SMSSS-03BMMM-SR8G ¹⁰ *	SMSSS-03BMMM-PR8G ¹⁰ *	SMSSS-03BFFM-SR8G ¹⁰ *	-	-
-	-	-	SMSTS-03BMMM-SR8H ¹⁰ *	SMSTS-03BMMM-PR8H ¹⁰ *
SMSSS-03BMMM-SR8N ¹⁰ *	SMSSS-03BMMM-PR8N ¹⁰ *	SMSSS-03BFFM-SR8N ¹⁰ *	SMSTS-03BMMM-SR8N ¹⁰ *	SMSTS-03BMMM-PR8N ¹⁰ *

Number of Contacts	3	4 (3+PE)
Coding	T	K
Rated Voltage (AC/DC)	63V	630V
Nominal current	12A	16A
Pin Assignment	FF	ME
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

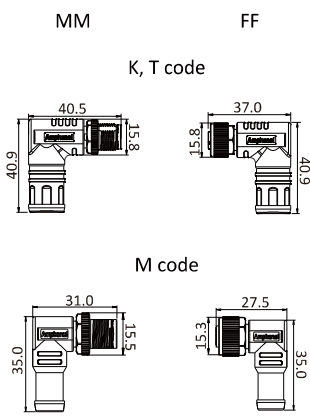
STRAIGHT, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	MSTP-03BFFM-SL8H ⑩*	-	
		UL20234, PUR Jacket	-	MSKP-04BMEM-SL8S ⑩*	
		UL20549, High Flex / Bending PUR	MSTP-03BFFM-SL8N ⑩*	MSKP-04BMEM-SL8N ⑩*	
	Metal Nut	UL20233, PUR Jacket	M12T-03BFFM-SL8H ⑩*	-	-
		UL20234, PUR Jacket	-	M12K-04BMEM-SL8S ⑩*	-
		UL20549, High Flex / Bending PUR	M12T-03BFFM-SL8N ⑩*	M12K-04BMEM-SL8N ⑩*	-
	Shielded	UL20233, PUR Jacket	MSTS-03BFFM-SL8H ⑩*	-	-
		UL20234, PUR Jacket	-	-	-
		UL20549, High Flex / Bending PUR	MSTS-03BFFM-SL8N ⑩*	MSKS-04BMEM-SL8N ⑩*	-
	Stainless	UL20233, PUR Jacket	SM12T-03BFFM-SL8H ⑩*	-	-
		UL20234, PUR Jacket	-	SM12K-04BMEM-SL8S ⑩*	-
		UL20549, High Flex / Bending PUR	SM12T-03BFFM-SL8N ⑩*	SM12K-04BMEM-SL8N ⑩*	-
Stainless Shielded	UL20233, PUR Jacket	SMSTS-03BFFM-SL8H ⑩*	-	-	
	UL20234, PUR Jacket	-	SMSKS-04BMEM-SL8S ⑩*	-	
	UL20549, High Flex / Bending PUR	SMSTS-03BFFM-SL8N ⑩*	SMSKS-04BMEM-SL8N ⑩*	-	



RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End


⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	MSTP-03BFFM-SR8H ⑩*	-	
		UL20234, PUR Jacket	-	MSKP-04BMEM-SR8S ⑩*	
		UL20549, High Flex / Bending PUR	MSTP-03BFFM-SR8N ⑩*	MSKP-04BMEM-SR8N ⑩*	
	Metal Nut	UL20233, PUR Jacket	M12T-03BFFM-SR8H ⑩*	-	-
		UL20234, PUR Jacket	-	M12K-04BMEM-SR8S ⑩*	-
		UL20549, High Flex / Bending PUR	M12T-03BFFM-SR8N ⑩*	M12K-04BMEM-SR8N ⑩*	-
	Shielded	UL20233, PUR Jacket	MSTS-03BFFM-SR8H ⑩*	-	-
		UL20234, PUR Jacket	-	MSKS-04BMEM-SR8S ⑩*	-
		UL20549, High Flex / Bending PUR	MSTS-03BFFM-SR8N ⑩*	MSKS-04BMEM-SR8N ⑩*	-
	Stainless	UL20233, PUR Jacket	SM12T-03BFFM-SR8H ⑩*	-	-
		UL20234, PUR Jacket	-	SM12K-04BMEM-SR8S ⑩*	-
		UL20549, High Flex / Bending PUR	SM12T-03BFFM-SR8N ⑩*	SM12K-04BMEM-SR8N ⑩*	-
Stainless Shielded	UL20233, PUR Jacket	SMSTS-03BFFM-SR8H ⑩*	-	-	
	UL20234, PUR Jacket	-	SMSKS-04BMEM-SR8S ⑩*	-	
	UL20549, High Flex / Bending PUR	SMSTS-03BFFM-SR8N ⑩*	SMSKS-04BMEM-SR8N ⑩*	-	

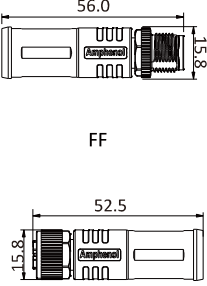
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ might be required for non-standard lengths

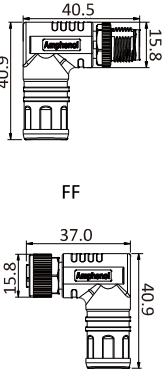
4 (3+PE)		4 (3+PE)		
K		M		
630V		630V		
16A		8A		
MPronto-12 (M/M)	FD	ME	MPronto-12 (M/M)	FD
				
-	-	-	-	-
-	MSKP-04BFD M-SL8S 10 *	MSMP-04BMEM-SL8S 10 *	-	MSMP-04BFD M-SL8S 10 *
-	MSKP-04BFD M-SL8N 10 *	MSMP-04BMEM-SL8N 10 *	-	MSMP-04BFD M-SL8N 10 *
-	-	-	-	-
M12K-04BMEM-PL8S 10 *	M12K-04BFD M-SL8S 10 *	M12M-04BMEM-SL8S 10 *	M12M-04BMEM-PL8S 10 *	M12M-04BFD M-SL8S 10 *
M12K-04BMEM-PL8N 10 *	M12K-04BFD M-SL8N 10 *	M12M-04BMEM-SL8N 10 *	M12M-04BMEM-PL8N 10 *	M12M-04BFD M-SL8N 10 *
-	-	-	-	-
-	-	MSMS-04BMEM-SL8S 10 *	MSMS-04BMEM-PL8S 10 *	MSMS-04BFD M-SL8S 10 *
MSKS-04BMEM-PL8N 10 *	MSKS-04BFD M-SL8N 10 *	MSMS-04BMEM-SL8N 10 *	MSMS-04BMEM-PL8N 10 *	MSMS-04BFD M-SL8N 10 *
-	-	-	-	-
SM12K-04BMEM-PL8S 10 *	SM12K-04BFD M-SL8S 10 *	SM12M-04BMEM-SL8S 10 *	SM12M-04BMEM-PL8S 10 *	SM12M-04BFD M-SL8S 10 *
SM12K-04BMEM-PL8N 10 *	SM12K-04BFD M-SL8N 10 *	SM12M-04BMEM-SL8N 10 *	SM12M-04BMEM-PL8N 10 *	SM12M-04BFD M-SL8N 10 *
-	-	-	-	-
SMSKS-04BMEM-PL8S 10 *	SMSKS-04BFD M-SL8S 10 *	SMSMS-04BMEM-SL8S 10 *	SMSMS-04BMEM-PL8S 10 *	SMSMS-04BFD M-SL8S 10 *
SMSKS-04BMEM-PL8N 10 *	SMSKS-04BFD M-SL8N 10 *	SMSMS-04BMEM-SL8N 10 *	SMSMS-04BMEM-PL8N 10 *	SMSMS-04BFD M-SL8N 10 *
-	-	-	-	-
-	MSKP-04BFD M-SR8S 10 *	MSMP-04BMEM-SR8S 10 *	-	MSMP-04BFD M-SR8S 10 *
-	MSKP-04BFD M-SR8N 10 *	MSMP-04BMEM-SR8N 10 *	-	MSMP-04BFD M-SR8N 10 *
-	-	-	-	-
M12K-04BMEM-PR8S 10 *	M12K-04BFD M-SR8S 10 *	M12M-04BMEM-SR8S 10 *	M12M-04BMEM-PR8S 10 *	M12M-04BFD M-SR8S 10 *
M12K-04BMEM-PR8N 10 *	M12K-04BFD M-SR8N 10 *	M12M-04BMEM-SR8N 10 *	M12M-04BMEM-PR8N 10 *	M12M-04BFD M-SR8N 10 *
-	-	-	-	-
MSKS-04BMEM-PR8S 10 *	MSKS-04BFD M-SR8S 10 *	MSMS-04BMEM-SR8S 10 *	MSMS-04BMEM-PR8S 10 *	MSMS-04BFD M-SR8S 10 *
MSKS-04BMEM-PR8N 10 *	MSKS-04BFD M-SR8N 10 *	MSMS-04BMEM-SR8N 10 *	MSMS-04BMEM-PR8N 10 *	MSMS-04BFD M-SR8N 10 *
-	-	-	-	-
SM12K-04BMEM-PR8S 10 *	SM12K-04BFD M-SR8S 10 *	SM12M-04BMEM-SR8S 10 *	SM12M-04BMEM-PR8S 10 *	SM12M-04BFD M-SR8S 10 *
SM12K-04BMEM-PR8N 10 *	SM12K-04BFD M-SR8N 10 *	SM12M-04BMEM-SR8N 10 *	SM12M-04BMEM-PR8N 10 *	SM12M-04BFD M-SR8N 10 *
-	-	-	-	-
SMSKS-04BMEM-PR8S 10 *	SMSKS-04BFD M-SR8S 10 *	SMSMS-04BMEM-SR8S 10 *	SMSMS-04BMEM-PR8S 10 *	SMSMS-04BFD M-SR8S 10 *
SMSKS-04BMEM-PR8N 10 *	SMSKS-04BFD M-SR8N 10 *	SMSMS-04BMEM-SR8N 10 *	SMSMS-04BMEM-PR8N 10 *	SMSMS-04BFD M-SR8N 10 *

Number of Contacts	4
Coding	L
Rated Voltage (AC/DC)	63V
Nominal current	16A
Pin Assignment	MM MPronto-12 (M/M)
MM: Male Connector Male Contact FF: Female Connector Female Contact ME: Male Connector Male PWD + Female GND FD: Female Connector Female PWD + Male GND	

STRAIGHT, Overmolded Cable Assembly, Free Cable End
 ⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾




	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	MSLP-04BMMM-SL8H ⑩*	-
		UL20549, High Flex / Bending PUR	MSLP-04BMMM-SL8N ⑩*	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	M12L-04BMMM-SL8H ⑩*	M12L-04BMMM-PL8H ⑩*
		UL20549, High Flex / Bending PUR	M12L-04BMMM-SL8N ⑩*	M12L-04BMMM-PL8N ⑩*
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	MSLS-04BMMM-SL8H ⑩*	MSLS-04BMMM-PL8H ⑩*
		UL20549, High Flex / Bending PUR	MSLS-04BMMM-SL8N ⑩*	MSLS-04BMMM-PL8N ⑩*
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	SM12L-04BMMM-SL8H ⑩*	SM12L-04BMMM-PL8H ⑩*
		UL20549, High Flex / Bending PUR	SM12L-04BMMM-SL8N ⑩*	SM12L-04BMMM-PL8N ⑩*
Stainless Shielded	UL2586, PVC Jacket	-	-	
	UL20233, PUR Jacket	SMSLS-04BMMM-SL8H ⑩*	SMSLS-04BMMM-PL8H ⑩*	
	UL20549, High Flex / Bending PUR	SMSLS-04BMMM-SL8N ⑩*	SMSLS-04BMMM-PL8N ⑩*	


RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End
 ⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	MSLP-04BMMM-SR8H ⑩*	-
		UL20234, PUR Jacket	-	-
	Metal Nut	UL20549, High Flex / Bending PUR	MSLP-04BMMM-SR8N ⑩*	-
		UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	M12L-04BMMM-SR8H ⑩*	M12L-04BMMM-PR8H ⑩*
	Shielded	UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12L-04BMMM-SR8N ⑩*	M12L-04BMMM-PR8N ⑩*
		UL2586, PVC Jacket	-	-
	Stainless	UL20233, PUR Jacket	MSLS-04BMMM-SR8H ⑩*	MSLS-04BMMM-PR8H ⑩*
		UL20549, High Flex / Bending PUR	MSLS-04BMMM-SR8N ⑩*	MSLS-04BMMM-PR8N ⑩*
		UL2586, PVC Jacket	-	-
Stainless Shielded	UL20233, PUR Jacket	SM12L-04BMMM-SR8H ⑩*	SM12L-04BMMM-PR8H ⑩*	
	UL20549, High Flex / Bending PUR	SM12L-04BMMM-SR8N ⑩*	SM12L-04BMMM-PR8N ⑩*	
	UL2586, PVC Jacket	-	-	
Stainless Shielded	UL20233, PUR Jacket	SMSLS-04BMMM-SR8H ⑩*	SMSLS-04BMMM-PR8H ⑩*	
	UL20549, High Flex / Bending PUR	SMSLS-04BMMM-SR8N ⑩*	SMSLS-04BMMM-PR8N ⑩*	

* Upon Request

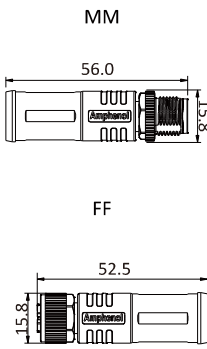
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4		4 (3+FE)			4 (3+PE)
L		L			S
63V		63V			630V
16A		16A			12A
FF	Male Power/Female Ground	MPronto-12 (M/M)	Female Power/Male Ground	MM	
					
-	-	-	-	-	MSSP-04BMMM-SL8G ¹⁰ *
MSLP-04BFFM-SL8H ¹⁰ *	MSLP-04BMEM-SL8H ¹⁰ *	-	MSLP-04BFDM-SL8H ¹⁰ *	-	-
MSLP-04BFFM-SL8N ¹⁰ *	MSLP-04BMEM-SL8N ¹⁰ *	-	MSLP-04BFDM-SL8N ¹⁰ *	MSSP-04BMMM-SL8N ¹⁰ *	MSSP-04BMMM-SL8N ¹⁰ *
-	-	-	-	M12S-04BMMM-SL8G ¹⁰ *	M12S-04BMMM-SL8G ¹⁰ *
M12L-04BFFM-SL8H ¹⁰ *	M12L-04BMEM-SL8H ¹⁰ *	M12L-04BMEM-PL8H ¹⁰ *	M12L-04BFDM-SL8H ¹⁰ *	-	-
M12L-04BFFM-SL8N ¹⁰ *	M12L-04BMEM-SL8N ¹⁰ *	M12L-04BMEM-PL8N ¹⁰ *	M12L-04BFDM-SL8N ¹⁰ *	M12S-04BMMM-SL8N ¹⁰ *	M12S-04BMMM-SL8N ¹⁰ *
-	-	-	-	MSSS-04BMMM-SL8G ¹⁰ *	MSSS-04BMMM-SL8G ¹⁰ *
MSLS-04BFFM-SL8H ¹⁰ *	MSLS-04BMEM-SL8H ¹⁰ *	MSLS-04BMEM-PL8H ¹⁰ *	MSLS-04BFDM-SL8H ¹⁰ *	-	-
MSLS-04BFFM-SL8N ¹⁰ *	MSLS-04BMEM-SL8N ¹⁰ *	MSLS-04BMEM-PL8N ¹⁰ *	MSLS-04BFDM-SL8N ¹⁰ *	MSSS-04BMMM-SL8N ¹⁰ *	MSSS-04BMMM-SL8N ¹⁰ *
-	-	-	-	SM12S-04BMMM-SL8G ¹⁰ *	SM12S-04BMMM-SL8G ¹⁰ *
SM12L-04BFFM-SL8H ¹⁰ *	SM12L-04BMEM-SL8H ¹⁰ *	SM12L-04BMEM-PL8H ¹⁰ *	SM12L-04BFDM-SL8H ¹⁰ *	-	-
SM12L-04BFFM-SL8N ¹⁰ *	SM12L-04BMEM-SL8N ¹⁰ *	SM12L-04BMEM-PL8N ¹⁰ *	SM12L-04BFDM-SL8N ¹⁰ *	SM12S-04BMMM-SL8N ¹⁰ *	SM12S-04BMMM-SL8N ¹⁰ *
-	-	-	-	SMSSS-04BMMM-SL8G ¹⁰ *	SMSSS-04BMMM-SL8G ¹⁰ *
SMSLS-04BFFM-SL8H ¹⁰ *	SMSLS-04BMEM-SL8H ¹⁰ *	SMSLS-04BMEM-PL8H ¹⁰ *	SMSLS-04BFDM-SL8H ¹⁰ *	-	-
SMSLS-04BFFM-SL8N ¹⁰ *	SMSLS-04BMEM-SL8N ¹⁰ *	SMSLS-04BMEM-PL8N ¹⁰ *	SMSLS-04BFDM-SL8N ¹⁰ *	SMSSS-04BMMM-SL8N ¹⁰ *	SMSSS-04BMMM-SL8N ¹⁰ *
-	-	-	-	-	-
MSSP-04BMMM-SR8G ¹⁰ *	MSSP-04BMMM-SR8G ¹⁰ *	-	MSSP-04BMMM-SR8H ¹⁰ *	-	MSSP-04BMMM-SR8G ¹⁰ *
MSSP-04BMMM-SR8S ¹⁰ *	MSSP-04BMMM-SR8S ¹⁰ *	-	MSSP-04BMMM-SR8N ¹⁰ *	MSSP-04BMMM-SR8S ¹⁰ *	MSSP-04BMMM-SR8S ¹⁰ *
MSSP-04BMMM-SR8N ¹⁰ *	MSSP-04BMMM-SR8N ¹⁰ *	-	MSSP-04BMMM-SR8H ¹⁰ *	MSSP-04BMMM-SR8N ¹⁰ *	MSSP-04BMMM-SR8N ¹⁰ *
-	-	-	-	M12S-04BMMM-SR8G ¹⁰ *	M12S-04BMMM-SR8G ¹⁰ *
M12L-04BFFM-SR8H ¹⁰ *	M12L-04BMEM-SR8H ¹⁰ *	M12L-04BMEM-PR8H ¹⁰ *	M12L-04BFDM-SR8H ¹⁰ *	-	-
M12L-04BFFM-SR8N ¹⁰ *	M12L-04BMEM-SR8N ¹⁰ *	M12L-04BMEM-PR8N ¹⁰ *	M12L-04BFDM-SR8N ¹⁰ *	M12S-04BMMM-SR8S ¹⁰ *	M12S-04BMMM-SR8S ¹⁰ *
-	-	-	-	M12S-04BMMM-SR8N ¹⁰ *	M12S-04BMMM-SR8N ¹⁰ *
MSLS-04BFFM-SR8H ¹⁰ *	MSLS-04BMEM-SR8H ¹⁰ *	MSLS-04BMEM-PR8H ¹⁰ *	MSLS-04BFDM-SR8H ¹⁰ *	MSSS-04BMMM-SR8G ¹⁰ *	MSSS-04BMMM-SR8G ¹⁰ *
MSLS-04BFFM-SR8N ¹⁰ *	MSLS-04BMEM-SR8N ¹⁰ *	MSLS-04BMEM-PR8N ¹⁰ *	MSLS-04BFDM-SR8N ¹⁰ *	-	-
-	-	-	-	MSSS-04BMMM-SR8N ¹⁰ *	MSSS-04BMMM-SR8N ¹⁰ *
SM12L-04BFFM-SR8H ¹⁰ *	SM12L-04BMEM-SR8H ¹⁰ *	SM12L-04BMEM-PR8H ¹⁰ *	SM12L-04BFDM-SR8H ¹⁰ *	SM12S-04BMMM-SR8G ¹⁰ *	SM12S-04BMMM-SR8G ¹⁰ *
SM12L-04BFFM-SR8N ¹⁰ *	SM12L-04BMEM-SR8N ¹⁰ *	SM12L-04BMEM-PR8N ¹⁰ *	SM12L-04BFDM-SR8N ¹⁰ *	-	-
-	-	-	-	SM12S-04BMMM-SR8N ¹⁰ *	SM12S-04BMMM-SR8N ¹⁰ *
SMSLS-04BFFM-SR8H ¹⁰ *	SMSLS-04BMEM-SR8H ¹⁰ *	SMSLS-04BMEM-PR8H ¹⁰ *	SMSLS-04BFDM-SR8H ¹⁰ *	-	-
SMSLS-04BFFM-SR8N ¹⁰ *	SMSLS-04BMEM-SR8N ¹⁰ *	SMSLS-04BMEM-PR8N ¹⁰ *	SMSLS-04BFDM-SR8N ¹⁰ *	SMSSS-04BMMM-SR8G ¹⁰ *	SMSSS-04BMMM-SR8G ¹⁰ *
-	-	-	-	-	-
SMSSS-04BMMM-SR8G ¹⁰ *	SMSSS-04BMMM-SR8G ¹⁰ *	-	SMSSS-04BMMM-SR8H ¹⁰ *	-	SMSSS-04BMMM-SR8G ¹⁰ *
SMSSS-04BMMM-SR8S ¹⁰ *	SMSSS-04BMMM-SR8S ¹⁰ *	-	SMSSS-04BMMM-SR8N ¹⁰ *	SMSSS-04BMMM-SR8S ¹⁰ *	SMSSS-04BMMM-SR8S ¹⁰ *
SMSSS-04BMMM-SR8N ¹⁰ *	SMSSS-04BMMM-SR8N ¹⁰ *	-	SMSSS-04BMMM-SR8H ¹⁰ *	SMSSS-04BMMM-SR8N ¹⁰ *	SMSSS-04BMMM-SR8N ¹⁰ *

Number of Contacts	4 (3+PE)	
Coding	S	
Rated Voltage (AC/DC)	630V	
Nominal current	12A	
Pin Assignment	MPronto-12 (M/M)	FF
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND		

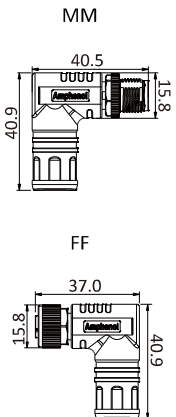
STRAIGHT, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	MSSP-04BFFM-SL8G ⑩
		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
	Metal Nut	UL2586, PVC Jacket	M12S-04BMMM-PL8G ⑩ *	M12S-04BFFM-SL8G ⑩
		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
	Shielded	UL20549, High Flex / Bending PUR	M12S-04BMMM-PL8N ⑩ *	M12S-04BFFM-SL8N ⑩ *
		UL2586, PVC Jacket	MSSS-04BMMM-PL8G ⑩ *	MSSS-04BFFM-SL8G ⑩ *
		UL20233, PUR Jacket	-	-
	Stainless	UL20549, High Flex / Bending PUR	MSSS-04BMMM-PL8N ⑩ *	MSSS-04BFFM-SL8N ⑩ *
		UL2586, PVC Jacket	SM12S-04BMMM-PL8G ⑩ *	SM12S-04BFFM-SL8G ⑩ *
		UL20233, PUR Jacket	-	-
	Stainless Shielded	UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12S-04BMMM-PL8N ⑩ *	SM12S-04BFFM-SL8N ⑩ *
		UL2586, PVC Jacket	SMSSS-04BMMM-PL8G ⑩ *	SMSSS-04BFFM-SL8G ⑩ *
	UL20233, PUR Jacket	-	-	
UL20234, PUR Jacket	-	-		
UL20549, High Flex / Bending PUR	SMSSS-04BMMM-PL8N ⑩ *	SMSSS-04BFFM-SL8N ⑩ *		



RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL2586, PVC Jacket	-	MSSP-04BFFM-SR8G ⑩
		UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	MSSP-04BFFM-SR8S ⑩
	Metal Nut	UL20549, High Flex / Bending PUR	-	MSSP-04BFFM-SR8N ⑩ *
		UL2586, PVC Jacket	M12S-04BMMM-PR8G ⑩ *	M12S-04BFFM-SR8G ⑩
		UL20233, PUR Jacket	-	-
	Shielded	UL20234, PUR Jacket	-	M12S-04BFFM-SR8S ⑩
		UL20549, High Flex / Bending PUR	M12S-04BMMM-PR8N ⑩ *	M12S-04BFFM-SR8N ⑩ *
		UL2586, PVC Jacket	MSSS-04BMMM-PR8G ⑩ *	MSSS-04BFFM-SR8G ⑩ *
	Stainless	UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSSS-04BMMM-PR8N ⑩ *	MSSS-04BFFM-SR8N ⑩ *
		UL2586, PVC Jacket	SM12S-04BMMM-PR8G ⑩ *	SM12S-04BFFM-SR8G ⑩ *
	Stainless Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12S-04BMMM-PR8N ⑩ *	SM12S-04BFFM-SR8N ⑩ *
	UL2586, PVC Jacket	SMSSS-04BMMM-PR8G ⑩ *	SMSSS-04BFFM-SR8G ⑩ *	
UL20233, PUR Jacket	-	-		
UL20234, PUR Jacket	-	-		
UL20549, High Flex / Bending PUR	SMSSS-04BMMM-PR8N ⑩ *	SMSSS-04BFFM-SR8N ⑩ *		

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4			5 (4+PE)	
T			K	
63V			630V	
12A			16A	
MM	MPronto-12 (M/M)	FF	Male Power / Female Ground	MPronto-12 (M/E)
				
-	-	-	-	-
MSTP-04BMMM-SL8H ¹⁰ *	-	MSTP-04BFFM-SL8H ¹⁰ *	-	-
-	-	-	MSKP-05BMEM-SL8S ¹⁰ *	-
MSTP-04BMMM-SL8N ¹⁰ *	-	MSTP-04BFFM-SL8N ¹⁰ *	MSKP-05BMEM-SL8N ¹⁰ *	-
-	-	-	-	-
M12T-04BMMM-SL8H ¹⁰ *	M12T-04BMMM-PL8H ¹⁰ *	M12T-04BFFM-SL8H ¹⁰	-	-
-	-	-	M12K-05BMEM-SL8S ¹⁰ *	M12K-05BMEM-PL8S ¹⁰ *
M12T-04BMMM-SL8N ¹⁰ *	M12T-04BMMM-PL8N ¹⁰ *	M12T-04BFFM-SL8N ¹⁰ *	M12K-05BMEM-SL8N ¹⁰ *	M12K-05BMEM-PL8N ¹⁰ *
-	-	-	-	-
MSTS-04BMMM-SL8H ¹⁰ *	MSTS-04BMMM-PL8H ¹⁰ *	MSTS-04BFFM-SL8H ¹⁰ *	-	-
MSTS-04BMMM-SL8N ¹⁰ *	MSTS-04BMMM-PL8N ¹⁰ *	MSTS-04BFFM-SL8N ¹⁰ *	MSKS-05BMEM-SL8N ¹⁰ *	MSKS-05BMEM-PL8N ¹⁰ *
-	-	-	-	-
SM12T-04BMMM-SL8H ¹⁰ *	SM12T-04BMMM-PL8H ¹⁰ *	SM12T-04BFFM-SL8H ¹⁰ *	-	-
-	-	-	SM12K-05BMEM-SL8S ¹⁰ *	SM12K-05BMEM-PL8S ¹⁰ *
SM12T-04BMMM-SL8N ¹⁰ *	SM12T-04BMMM-PL8N ¹⁰ *	SM12T-04BFFM-SL8N ¹⁰ *	SM12K-05BMEM-SL8N ¹⁰ *	SM12K-05BMEM-PL8N ¹⁰ *
-	-	-	-	-
SMSTS-04BMMM-SL8H ¹⁰ *	SMSTS-04BMMM-PL8H ¹⁰ *	SMSTS-04BFFM-SL8H ¹⁰ *	-	-
-	-	-	SMSKS-05BMEM-SL8S ¹⁰ *	SMSKS-05BMEM-PL8S ¹⁰ *
SMSTS-04BMMM-SL8N ¹⁰ *	SMSTS-04BMMM-PL8N ¹⁰ *	SMSTS-04BFFM-SL8N ¹⁰ *	SMSKS-05BMEM-SL8N ¹⁰ *	SMSKS-05BMEM-PL8N ¹⁰ *
-	-	-	-	-
MSTP-04BMMM-SR8H ¹⁰ *	-	MSTP-04BFFM-SR8H ¹⁰ *	-	-
-	-	-	MSKP-05BMEM-SR8S ¹⁰ *	-
MSTP-04BMMM-SR8N ¹⁰ *	-	MSTP-04BFFM-SR8N ¹⁰ *	MSKP-05BMEM-SR8N ¹⁰ *	-
-	-	-	-	-
M12T-04BMMM-SR8H ¹⁰ *	M12T-04BMMM-PR8H ¹⁰ *	M12T-04BFFM-SR8H ¹⁰ *	-	-
-	-	-	M12K-05BMEM-SR8S ¹⁰ *	M12K-05BMEM-PR8S ¹⁰ *
M12T-04BMMM-SR8N ¹⁰ *	M12T-04BMMM-PR8N ¹⁰ *	M12T-04BFFM-SR8N ¹⁰ *	M12K-05BMEM-SR8N ¹⁰ *	M12K-05BMEM-PR8N ¹⁰ *
-	-	-	-	-
MSTS-04BMMM-SR8H ¹⁰ *	MSTS-04BMMM-PR8H ¹⁰ *	MSTS-04BFFM-SR8H ¹⁰ *	-	-
-	-	-	MSKS-05BMEM-SR8S ¹⁰ *	MSKS-05BMEM-PR8S ¹⁰ *
MSTS-04BMMM-SR8N ¹⁰ *	MSTS-04BMMM-PR8N ¹⁰ *	MSTS-04BFFM-SR8N ¹⁰ *	MSKS-05BMEM-SR8N ¹⁰ *	MSKS-05BMEM-PR8N ¹⁰ *
-	-	-	-	-
SM12T-04BMMM-SR8H ¹⁰ *	SM12T-04BMMM-PR8H ¹⁰ *	SM12T-04BFFM-SR8H ¹⁰ *	-	-
-	-	-	SM12K-05BMEM-SR8S ¹⁰ *	SM12K-05BMEM-PR8S ¹⁰ *
SM12T-04BMMM-SR8N ¹⁰ *	SM12T-04BMMM-PR8N ¹⁰ *	SM12T-04BFFM-SR8N ¹⁰ *	SM12K-05BMEM-SR8N ¹⁰ *	SM12K-05BMEM-PR8N ¹⁰ *
-	-	-	-	-
SMSTS-04BMMM-SR8H ¹⁰ *	SMSTS-04BMMM-PR8H ¹⁰ *	SMSTS-04BFFM-SR8H ¹⁰ *	-	-
-	-	-	SMSKS-05BMEM-SR8S ¹⁰ *	SMSKS-05BMEM-PR8S ¹⁰ *
SMSTS-04BMMM-SR8N ¹⁰ *	SMSTS-04BMMM-PR8N ¹⁰ *	SMSTS-04BFFM-SR8N ¹⁰ *	SMSKS-05BMEM-SR8N ¹⁰ *	SMSKS-05BMEM-PR8N ¹⁰ *

Number of Contacts	5 (4+PE)	5 (4+PE)
Coding	K	M
Rated Voltage (AC/DC)	630V	630V
Nominal current	16A	8A
Pin Assignment	Female Power / Male Ground	Male Power / Female Ground
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

STRAIGHT, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	MSKP-05BFDM-SL8S ⑩*	MSMP-05BMEM-SL8S ⑩*
		UL20549, High Flex / Bending PUR	MSKP-05BFDM-SL8N ⑩*	MSMP-05BMEM-SL8N ⑩*
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	M12K-05BFDM-SL8S ⑩	M12M-05BMEM-SL8S ⑩*
		UL20549, High Flex / Bending PUR	M12K-05BFDM-SL8N ⑩*	M12M-05BMEM-SL8N ⑩*
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	-	MSMS-05BMEM-SL8S ⑩*
		UL20549, High Flex / Bending PUR	MSKS-05BFDM-SL8N ⑩*	MSMS-05BMEM-SL8N ⑩*
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	SM12K-05BFDM-SL8S ⑩*	SM12M-05BMEM-SL8S ⑩*
		UL20549, High Flex / Bending PUR	SM12K-05BFDM-SL8N ⑩*	SM12M-05BMEM-SL8N ⑩*
Stainless Shielded	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	SMSKS-05BFDM-SL8S ⑩*	SMSMS-05BMEM-SL8S ⑩*	
	UL20549, High Flex / Bending PUR	SMSKS-05BFDM-SL8N ⑩*	SMSMS-05BMEM-SL8N ⑩*	



RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End


⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	MSKP-05BFDM-SR8S ⑩*	MSMP-05BMEM-SR8S ⑩*
		UL20549, High Flex / Bending PUR	MSKP-05BFDM-SR8N ⑩*	MSMP-05BMEM-SR8N ⑩*
	Metal Nut	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	M12K-05BFDM-SR8S ⑩	M12M-05BMEM-SR8S ⑩*
		UL20549, High Flex / Bending PUR	M12K-05BFDM-SR8N ⑩*	M12M-05BMEM-SR8N ⑩*
	Shielded	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	MSKS-05BFDM-SR8S ⑩*	MSMS-05BMEM-SR8S ⑩*
		UL20549, High Flex / Bending PUR	MSKS-05BFDM-SR8N ⑩*	MSMS-05BMEM-SR8N ⑩*
	Stainless	UL20233, PUR Jacket	-	-
		UL20234, PUR Jacket	SM12K-05BFDM-SR8S ⑩*	SM12M-05BMEM-SR8S ⑩*
		UL20549, High Flex / Bending PUR	SM12K-05BFDM-SR8N ⑩*	SM12M-05BMEM-SR8N ⑩*
Stainless Shielded	UL20233, PUR Jacket	-	-	
	UL20234, PUR Jacket	SMSKS-05BFDM-SR8S ⑩*	SMSMS-05BMEM-SR8S ⑩*	
	UL20549, High Flex / Bending PUR	SMSKS-05BFDM-SR8N ⑩*	SMSMS-05BMEM-SR8N ⑩*	

* Upon Request

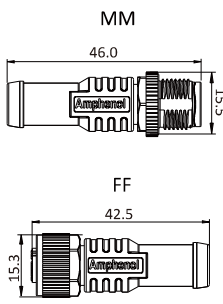
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5 (4+PE)		5 (4+FE)		
M		L		
630V		63V		
8A		16A		
MPronto-12 (M/E)	Female Power / Male Ground	Male Power / Female Ground	MPronto-12 (M/E)	Female Power / Male Ground
				
-	-	MSLP-05BMEM-SL8H ¹⁰ *	-	MSLP-05BFDM-SL8H ¹⁰ *
-	MSMP-05BFDM-SL8S ¹⁰ *	-	-	-
-	MSMP-05BFDM-SL8N ¹⁰ *	MSLP-05BMEM-SL8N ¹⁰ *	-	MSLP-05BFDM-SL8N ¹⁰ *
-	-	M12L-05BMEM-SL8H ¹⁰	M12L-05BMEM-PL8H ¹⁰ *	M12L-05BFDM-SL8H ¹⁰ *
M12M-05BMEM-PL8S ¹⁰ *	M12M-05BFDM-SL8S ¹⁰ *	-	-	-
M12M-05BMEM-PL8N ¹⁰ *	M12M-05BFDM-SL8N ¹⁰ *	M12L-05BMEM-SL8N ¹⁰ *	M12L-05BMEM-PL8N ¹⁰ *	M12L-05BFDM-SL8N ¹⁰ *
-	-	MSLS-05BMEM-SL8H ¹⁰ *	MSLS-05BMEM-PL8H ¹⁰ *	MSLS-05BFDM-SL8H ¹⁰ *
MSMS-05BMEM-PL8S ¹⁰ *	MSMS-05BFDM-SL8S ¹⁰ *	-	-	-
MSMS-05BMEM-PL8N ¹⁰ *	MSMS-05BFDM-SL8N ¹⁰ *	MSLS-05BMEM-SL8N ¹⁰ *	MSLS-05BMEM-PL8N ¹⁰ *	MSLS-05BFDM-SL8N ¹⁰ *
-	-	SM12L-05BMEM-SL8H ¹⁰ *	SM12L-05BMEM-PL8H ¹⁰ *	SM12L-05BFDM-SL8H ¹⁰ *
SM12M-05BMEM-PL8S ¹⁰ *	SM12M-05BFDM-SL8S ¹⁰ *	-	-	-
SM12M-05BMEM-PL8N ¹⁰ *	SM12M-05BFDM-SL8N ¹⁰ *	SM12L-05BMEM-SL8N ¹⁰ *	SM12L-05BMEM-PL8N ¹⁰ *	SM12L-05BFDM-SL8N ¹⁰ *
-	-	SMSLS-05BMEM-SL8H ¹⁰ *	SMSLS-05BMEM-PL8H ¹⁰ *	SMSLS-05BFDM-SL8H ¹⁰ *
SMSMS-05BMEM-PL8S ¹⁰ *	SMSMS-05BFDM-SL8S ¹⁰ *	-	-	-
SMSMS-05BMEM-PL8N ¹⁰ *	SMSMS-05BFDM-SL8N ¹⁰ *	SMSLS-05BMEM-SL8N ¹⁰ *	SMSLS-05BMEM-PL8N ¹⁰ *	SMSLS-05BFDM-SL8N ¹⁰ *
-	-	MSLP-05BMEM-SR8H ¹⁰ *	-	MSLP-05BFDM-SR8H ¹⁰ *
-	MSMP-05BFDM-SR8S ¹⁰ *	-	-	-
-	MSMP-05BFDM-SR8N ¹⁰ *	MSLP-05BMEM-SR8N ¹⁰ *	-	MSLP-05BFDM-SR8N ¹⁰ *
-	-	M12L-05BMEM-SR8H ¹⁰	M12L-05BMEM-PR8H ¹⁰ *	M12L-05BFDM-SR8H ¹⁰ *
M12M-05BMEM-PR8S ¹⁰ *	M12M-05BFDM-SR8S ¹⁰ *	-	-	-
M12M-05BMEM-PR8N ¹⁰ *	M12M-05BFDM-SR8N ¹⁰ *	M12L-05BMEM-SR8N ¹⁰ *	M12L-05BMEM-PR8N ¹⁰ *	M12L-05BFDM-SR8N ¹⁰ *
-	-	MSLS-05BMEM-SR8H ¹⁰ *	MSLS-05BMEM-PR8H ¹⁰ *	MSLS-05BFDM-SR8H ¹⁰ *
MSMS-05BMEM-PR8S ¹⁰ *	MSMS-05BFDM-SR8S ¹⁰ *	-	-	-
MSMS-05BMEM-PR8N ¹⁰ *	MSMS-05BFDM-SR8N ¹⁰ *	MSLS-05BMEM-SR8N ¹⁰ *	MSLS-05BMEM-PR8N ¹⁰ *	MSLS-05BFDM-SR8N ¹⁰ *
-	-	SM12L-05BMEM-SR8H ¹⁰ *	SM12L-05BMEM-PR8H ¹⁰ *	SM12L-05BFDM-SR8H ¹⁰ *
SM12M-05BMEM-PR8S ¹⁰ *	SM12M-05BFDM-SR8S ¹⁰ *	-	-	-
SM12M-05BMEM-PR8N ¹⁰ *	SM12M-05BFDM-SR8N ¹⁰ *	SM12L-05BMEM-SR8N ¹⁰ *	SM12L-05BMEM-PR8N ¹⁰ *	SM12L-05BFDM-SR8N ¹⁰ *
-	-	SMSLS-05BMEM-SR8H ¹⁰ *	SMSLS-05BMEM-PR8H ¹⁰ *	SMSLS-05BFDM-SR8H ¹⁰ *
SMSMS-05BMEM-PR8S ¹⁰ *	SMSMS-05BFDM-SR8S ¹⁰ *	-	-	-
SMSMS-05BMEM-PR8N ¹⁰ *	SMSMS-05BFDM-SR8N ¹⁰ *	SMSLS-05BMEM-SR8N ¹⁰ *	SMSLS-05BMEM-PR8N ¹⁰ *	SMSLS-05BFDM-SR8N ¹⁰ *

Number of Contacts	6 (5+PE)	
Coding	M	
Rated Voltage (AC/DC)	630V	
Nominal current	8A	
Pin Assignment	Male Power / Female Ground	MPronto-12 (M/E)
MM : Male Connector Male Contact FF : Female Connector Female Contact ME : Male Connector Male PWD + Female GND FD : Female Connector Female PWD + Male GND		

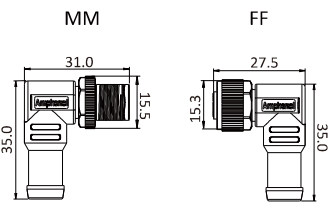
STRAIGHT, Overmolded Cable Assembly, Free Cable End

⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20234, PUR Jacket	MSMP-06B MEM -SL8S ⑩*	-
		UL20549, High Flex / Bending PUR	MSMP-06B MEM -SL8N ⑩*	-
	Metal Nut	UL20234, PUR Jacket	M12M-06B MEM -SL8S ⑩*	M12M-06B MEM -PL8S ⑩*
		UL20549, High Flex / Bending PUR	M12M-06B MEM -SL8N ⑩*	M12M-06B MEM -PL8N ⑩*
	Shielded	UL20234, PUR Jacket	MSMS-06B MEM -SL8S ⑩*	MSMS-06B MEM -PL8S ⑩*
		UL20549, High Flex / Bending PUR	MSMS-06B MEM -SL8N ⑩*	MSMS-06B MEM -PL8N ⑩*
	Stainless	UL20234, PUR Jacket	SM12M-06B MEM -SL8S ⑩*	SM12M-06B MEM -PL8S ⑩*
		UL20549, High Flex / Bending PUR	SM12M-06B MEM -SL8N ⑩*	SM12M-06B MEM -PL8N ⑩*
	Stainless Shielded	UL20234, PUR Jacket	SMSMS-06B MEM -SL8S ⑩*	SMSMS-06B MEM -PL8S ⑩*
		UL20549, High Flex / Bending PUR	SMSMS-06B MEM -SL8N ⑩*	SMSMS-06B MEM -PL8N ⑩*


RIGHT ANGLE, Overmolded Cable Assembly, Free Cable End


⑩ Cable Length: (01) 1M ~ (99) 99M¹⁾

	All Plastic	UL20234, PUR Jacket	MSMP-06B MEM -SR8S ⑩*	-
		UL20549, High Flex / Bending PUR	MSMP-06B MEM -SR8N ⑩*	-
	Metal Nut	UL20234, PUR Jacket	M12M-06B MEM -SR8S ⑩*	M12M-06B MEM -PR8S ⑩*
		UL20549, High Flex / Bending PUR	M12M-06B MEM -SR8N ⑩*	M12M-06B MEM -PR8N ⑩*
	Shielded	UL20234, PUR Jacket	MSMS-06B MEM -SR8S ⑩*	MSMS-06B MEM -PR8S ⑩*
		UL20549, High Flex / Bending PUR	MSMS-06B MEM -SR8N ⑩*	MSMS-06B MEM -PR8N ⑩*
	Stainless	UL20234, PUR Jacket	SM12M-06B MEM -SR8S ⑩*	SM12M-06B MEM -PR8S ⑩*
		UL20549, High Flex / Bending PUR	SM12M-06B MEM -SR8N ⑩*	SM12M-06B MEM -PR8N ⑩*
	Stainless Shielded	UL20234, PUR Jacket	SMSMS-06B MEM -SR8S ⑩*	SMSMS-06B MEM -PR8S ⑩*
		UL20549, High Flex / Bending PUR	SMSMS-06B MEM -SR8N ⑩*	SMSMS-06B MEM -PR8N ⑩*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6 (5+PE)
M
630V
8A
Female Power / Male Ground


Number of Contacts	2
Coding	L
Rated Voltage (AC/DC)	63V
Nominal current	16A
Pin Assignment	MM
MM : Male Connector Male Contact	

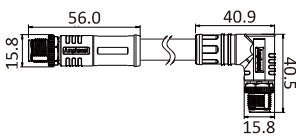
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM

MSMP-06BFDM-SL8S 10 *
MSMP-06BFDM-SL8N 10 *
M12M-06BFDM-SL8S 10 *
M12M-06BFDM-SL8N 10 *
MSMS-06BFDM-SL8S 10 *
MSMS-06BFDM-SL8N 10 *
SM12M-06BFDM-SL8S 10 *
SM12M-06BFDM-SL8N 10 *
SMSMS-06BFDM-SL8S 10 *
SMSMS-06BFDM-SL8N 10 *

	All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLP02ML-SLPML-SH 10 * MSLP02ML-SLPML-SN 10 *
	Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	M12L02ML-12LML-SH 10 * M12L02ML-12LML-SN 10 *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLS02ML-SLSML-SH 10 * MSLS02ML-SLSML-SN 10 *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	SM12L02ML-12LML-SH 10 * SM12L02ML-12LML-SN 10 *
	Stainless	UL20233, PUR Jacket	SMSLS02ML-SLSML-SH 10 *
	Shielded	UL20549, High Flex / Bending PUR	SMSLS02ML-SLSML-SN 10 *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM


MSMP-06BFDM-SR8S 10 *
MSMP-06BFDM-SR8N 10 *
M12M-06BFDM-SR8S 10 *
M12M-06BFDM-SR8N 10 *
MSMS-06BFDM-SR8S 10 *
MSMS-06BFDM-SR8N 10 *
SM12M-06BFDM-SR8S 10 *
SM12M-06BFDM-SR8N 10 *
SMSMS-06BFDM-SR8S 10 *
SMSMS-06BFDM-SR8N 10 *

	All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLP02ML-SLPMR-SH 10 * MSLP02ML-SLPMR-SN 10 *
	Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	M12L02ML-12LMR-SH 10 * M12L02ML-12LMR-SN 10 *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLS02ML-SLSMR-SH 10 * MSLS02ML-SLSMR-SN 10 *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	SM12L02ML-12LMR-SH 10 * SM12L02ML-12LMR-SN 10 *
	Stainless	UL20233, PUR Jacket	SMSLS02ML-SLSMR-SH 10 *
	Shielded	UL20549, High Flex / Bending PUR	SMSLS02ML-SLSMR-SN 10 *

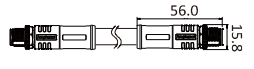
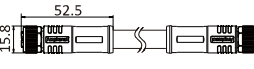
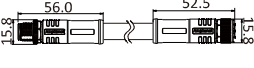
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM

MSMP-06BFDM-SR8S 10 *
MSMP-06BFDM-SR8N 10 *
M12M-06BFDM-SR8S 10 *
M12M-06BFDM-SR8N 10 *
MSMS-06BFDM-SR8S 10 *
MSMS-06BFDM-SR8N 10 *
SM12M-06BFDM-SR8S 10 *
SM12M-06BFDM-SR8N 10 *
SMSMS-06BFDM-SR8S 10 *
SMSMS-06BFDM-SR8N 10 *

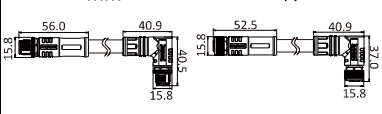
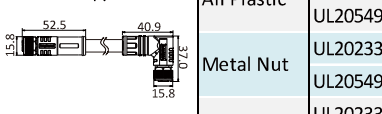
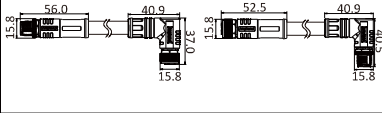
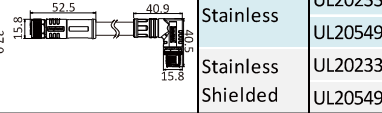
	All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLP02MR-SLPMR-SH 10 * MSLP02MR-SLPMR-SN 10 *
	Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	M12L02MR-12LMR-SH 10 * M12L02MR-12LMR-SN 10 *
	Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLS02MR-SLSMR-SH 10 * MSLS02MR-SLSMR-SN 10 *
	Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	SM12L02MR-12LMR-SH 10 * SM12L02MR-12LMR-SN 10 *
	Stainless	UL20233, PUR Jacket	SMSLS02MR-SLSMR-SH 10 *
	Shielded	UL20549, High Flex / Bending PUR	SMSLS02MR-SLSMR-SN 10 *

Number of Contacts	2	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	16A	
Pin Assignment	MF	FM
MM: Male Connector Male Contact FF: Female Connector Female Contact		

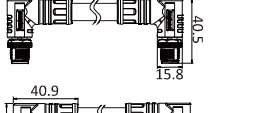
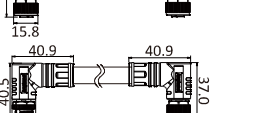
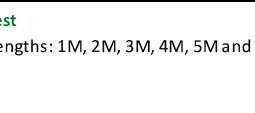
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

MM		All Plastic	UL20233, PUR Jacket	MSLP02 ML -SLPFL-SH 10*	-
		Metal Nut	UL20233, PUR Jacket	M12L02 ML -12LFL-SH 10*	-
FF		Shielded	UL20233, PUR Jacket	MSLS02 ML -SLSFL-SH 10*	-
		Stainless	UL20233, PUR Jacket	SM12L02 ML -12LFL-SH 10*	-
MF		Shielded	UL20549, High Flex / Bending PUR	MSLS02 ML -SLSFL-SN 10*	-
		Stainless	UL20549, High Flex / Bending PUR	SM12L02 ML -12LFL-SN 10*	-
		Shielded	UL20233, PUR Jacket	SMSLS02 ML -SLSFL-SH 10*	-
		Shielded	UL20549, High Flex / Bending PUR	SMSLS02 ML -SLSFL-SN 10*	-

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF































































































































MM		All Plastic	UL20233, PUR Jacket	MSLP02 ML -SLPFR-SH 10*	MSLP02 FL -SLPMR-SH 10*
		Metal Nut	UL20233, PUR Jacket	M12L02 ML -12LFR-SH 10*	M12L02 FL -12LMR-SH 10*
FF		Shielded	UL20233, PUR Jacket	MSLS02 ML -SLSFR-SH 10*	MSLS02 FL -SLSMR-SH 10*
		Stainless	UL20233, PUR Jacket	SM12L02 ML -12LFR-SH 10*	SM12L02 FL -12LMR-SH 10*
MF		Shielded	UL20549, High Flex / Bending PUR	MSLS02 ML -SLSFR-SN 10*	MSLS02 FL -SLSMR-SN 10*
		Stainless	UL20549, High Flex / Bending PUR	SM12L02 ML -12LFR-SN 10*	SM12L02 FL -12LMR-SN 10*
FM		Shielded	UL20233, PUR Jacket	SMSLS02 ML -SLSFR-SH 10*	SMSLS02 FL -SLSMR-SH 10*
		Shielded	UL20549, High Flex / Bending PUR	SMSLS02 ML -SLSFR-SN 10*	SMSLS02 FL -SLSMR-SN 10*


RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 10 Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

MM		All Plastic	UL20233, PUR Jacket	MSLP02 MR -SLPFR-SH 10*	-
		Metal Nut	UL20233, PUR Jacket	M12L02 MR -12LFR-SH 10*	-
FF		Shielded	UL20233, PUR Jacket	MSLS02 MR -SLSFR-SH 10*	-
		Stainless	UL20233, PUR Jacket	SM12L02 MR -12LFR-SH 10*	-
MF		Shielded	UL20549, High Flex / Bending PUR	MSLS02 MR -SLSFR-SN 10*	-
		Stainless	UL20549, High Flex / Bending PUR	SM12L02 MR -12LFR-SN 10*	-
		Shielded	UL20233, PUR Jacket	SMSLS02 MR -SLSFR-SH 10*	-
		Shielded	UL20549, High Flex / Bending PUR	SMSLS02 MR -SLSFR-SN 10*	-

* Upon Request

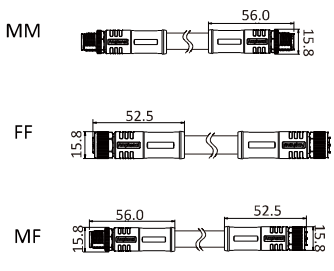
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

2		2		
L		T		
63V		63V		
16A		12A		
MPronto-12 (M/M)	FF	MM	MF	FM
				
-	MSLP02FL-SLPFL-SH 	MSTP02ML-STPML-SH 	MSTP02ML-STPFL-SH 	-
-	MSLP02FL-SLPFL-SN 	MSTP02ML-STPML-SN 	MSTP02ML-STPFL-SN 	-
M12L02ML-12LML-PH 	M12L02FL-12LFL-SH 	M12T02ML-12TML-SH 	M12T02ML-12TFL-SH 	-
M12L02ML-SLPML-PN 	M12L02FL-12LFL-SN 	M12T02ML-12TML-SN 	M12T02ML-12TFL-SN 	-
MSLS02ML-SLSML-PH 	MSLS02FL-SLSFL-SH 	MSTS02ML-STSMML-SH 	MSTS02ML-STSFLL-SH 	-
MSLS02ML-SLSML-PN 	MSLS02FL-SLSFL-SN 	MSTS02ML-STSMML-SN 	MSTS02ML-STSFLL-SN 	-
SM12L02ML-12LML-PH 	SM12L02FL-12LFL-SH 	SM12T02ML-12TML-SH 	SM12T02ML-12TFL-SH 	-
SM12L02ML-SLPML-PN 	SM12L02FL-12LFL-SN 	SM12T02ML-12TML-SN 	SM12T02ML-12TFL-SN 	-
SMSLS02ML-SLSML-PH 	SMSLS02FL-SLSFL-SH 	SMSTS02ML-STSMML-SH 	SMSTS02ML-STSFLL-SH 	-
SMSLS02ML-SLSML-PN 	SMSLS02FL-SLSFL-SN 	SMSTS02ML-STSMML-SN 	SMSTS02ML-STSFLL-SN 	-
-	MSLP02FL-SLPFR-SH 	MSTP02ML-STPMR-SH 	MSTP02ML-STPFR-SH 	MSTP02FL-STPMR-SH 
-	MSLP02FL-SLPFR-SN 	MSTP02ML-STPMR-SN 	MSTP02ML-STPFR-SN 	MSTP02FL-STPMR-SN 
M12L02ML-12LMR-PH 	M12L02FL-12LFR-SH 	M12T02ML-12TMR-SH 	M12T02ML-12TFR-SH 	M12T02FL-12TMR-SH 
M12L02ML-SLPMR-PN 	M12L02FL-12LFR-SN 	M12T02ML-12TMR-SN 	M12T02ML-12TFR-SN 	M12T02FL-12TMR-SN 
MSLS02ML-SLSMR-PH 	MSLS02FL-SLSFR-SH 	MSTS02ML-STSMR-SH 	MSTS02ML-STSFR-SH 	MSTS02FL-STSMR-SH 
MSLS02ML-SLSMR-PN 	MSLS02FL-SLSFR-SN 	MSTS02ML-STSMR-SN 	MSTS02ML-STSFR-SN 	MSTS02FL-STSMR-SN 
SM12L02ML-12LMR-PH 	SM12L02FL-12LFR-SH 	SM12T02ML-12TMR-SH 	SM12T02ML-12TFR-SH 	SM12T02FL-12TMR-SH 
SM12L02ML-SLPMR-PN 	SM12L02FL-12LFR-SN 	SM12T02ML-12TMR-SN 	SM12T02ML-12TFR-SN 	SM12T02FL-12TMR-SN 
SMSLS02ML-SLSMR-PH 	SMSLS02FL-SLSFR-SH 	SMSTS02ML-STSMR-SH 	SMSTS02ML-STSFR-SH 	SMSTS02FL-STSMR-SH 
SMSLS02ML-SLSMR-PN 	SMSLS02FL-SLSFR-SN 	SMSTS02ML-STSMR-SN 	SMSTS02ML-STSFR-SN 	SMSTS02FL-STSMR-SN 
-	MSLP02FR-SLPFR-SH 	MSTP02MR-STPMR-SH 	MSTP02MR-STPFR-SH 	-
-	MSLP02FR-SLPFR-SN 	MSTP02MR-STPMR-SN 	MSTP02MR-STPFR-SN 	-
M12L02MR-12LMR-PH 	M12L02FR-12LFR-SH 	M12T02MR-12TMR-SH 	M12T02MR-12TFR-SH 	-
M12L02MR-SLPMR-PN 	M12L02FR-12LFR-SN 	M12T02MR-12TMR-SN 	M12T02MR-12TFR-SN 	-
MSLS02MR-SLSMR-PH 	MSLS02FR-SLSFR-SH 	MSTS02MR-STSMR-SH 	MSTS02MR-STSFR-SH 	-
MSLS02MR-SLSMR-PN 	MSLS02FR-SLSFR-SN 	MSTS02MR-STSMR-SN 	MSTS02MR-STSFR-SN 	-
SM12L02MR-12LMR-PH 	SM12L02FR-12LFR-SH 	SM12T02MR-12TMR-SH 	SM12T02MR-12TFR-SH 	-
SM12L02MR-SLPMR-PN 	SM12L02FR-12LFR-SN 	SM12T02MR-12TMR-SN 	SM12T02MR-12TFR-SN 	-
SMSLS02MR-SLSMR-PH 	SMSLS02FR-SLSFR-SH 	SMSTS02MR-STSMR-SH 	SMSTS02MR-STSFR-SH 	-
SMSLS02MR-SLSMR-PN 	SMSLS02FR-SLSFR-SN 	SMSTS02MR-STSMR-SN 	SMSTS02MR-STSFR-SN 	-

Number of Contacts	2	
Coding	T	
Rated Voltage (AC/DC)	63V	
Nominal current	12A	
Pin Assignment	MPronto-12 (M/M)	FF
MM : Male Connector Male Contact FF : Female Connector Female Contact PE⁽¹⁾ : Male Ground PE⁽²⁾ : Female Ground		

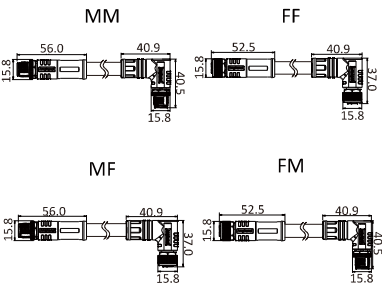
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	-	MSTP02FL-STPFL-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	MSTP02FL-STPFL-SN ⑩ *
	Metal Nut	UL20233, PUR Jacket	M12T02ML-12TML-PH ⑩ *	M12T02FL-12TFL-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12T02ML-STPML-PN ⑩ *	M12T02FL-12TFL-SN ⑩ *
	Shielded	UL20233, PUR Jacket	MSTS02ML-STSMPL-PH ⑩ *	MSTS02FL-STSFSL-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTS02ML-STSMPL-PN ⑩ *	MSTS02FL-STSFSL-SN ⑩ *
	Stainless	UL20233, PUR Jacket	SM12T02ML-12TML-PH ⑩ *	SM12T02FL-12TFL-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12T02ML-STPML-PN ⑩ *	SM12T02FL-12TFL-SN ⑩ *
Stainless Shielded	UL20233, PUR Jacket	SMSTS02ML-STSMPL-PH ⑩ *	SMSTS02FL-STSFSL-SH ⑩ *	
	UL20234, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSTS02ML-STSMPL-PN ⑩ *	SMSTS02FL-STSFSL-SN ⑩ *	

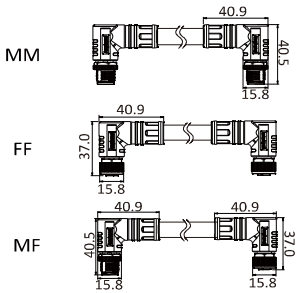
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	-	MSTP02FL-STPFR-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	MSTP02FL-STPFR-SN ⑩ *
	Metal Nut	UL20233, PUR Jacket	M12T02ML-12TMR-PH ⑩ *	M12T02FL-12TFR-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12T02ML-STPMR-PN ⑩ *	M12T02FL-12TFR-SN ⑩ *
	Shielded	UL20233, PUR Jacket	MSTS02ML-STSMR-PH ⑩ *	MSTS02FL-STSFR-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTS02ML-STSMR-PN ⑩ *	MSTS02FL-STSFR-SN ⑩ *
	Stainless	UL20233, PUR Jacket	SM12T02ML-12TMR-PH ⑩ *	SM12T02FL-12TFR-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12T02ML-STPMR-PN ⑩ *	SM12T02FL-12TFR-SN ⑩ *
Stainless Shielded	UL20233, PUR Jacket	SMSTS02ML-STSMR-PH ⑩ *	SMSTS02FL-STSFR-SH ⑩ *	
	UL20234, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSTS02ML-STSMR-PN ⑩ *	SMSTS02FL-STSFR-SN ⑩ *	


RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	-	MSTP02FR-STPFR-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	MSTP02FR-STPFR-SN ⑩ *
	Metal Nut	UL20233, PUR Jacket	M12T02MR-12TMR-PH ⑩ *	M12T02FR-12TFR-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12T02MR-STPMR-PN ⑩ *	M12T02FR-12TFR-SN ⑩ *
	Shielded	UL20233, PUR Jacket	MSTS02MR-STSMR-PH ⑩ *	MSTS02FR-STSFR-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTS02MR-STSMR-PN ⑩ *	MSTS02FR-STSFR-SN ⑩ *
	Stainless	UL20233, PUR Jacket	SM12T02MR-12TMR-PH ⑩ *	SM12T02FR-12TFR-SH ⑩ *
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12T02MR-STPMR-PN ⑩ *	SM12T02FR-12TFR-SN ⑩ *
Stainless Shielded	UL20233, PUR Jacket	SMSTS02MR-STSMR-PH ⑩ *	SMSTS02FR-STSFR-SH ⑩ *	
	UL20234, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSTS02MR-STSMR-PN ⑩ *	SMSTS02FR-STSFR-SN ⑩ *	

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (2+PE)				
K				
630V				
16A				
Male Power / Female Ground	MF	FM	MPronto-12 (M/M)	Female Power / Male Ground
				
-	-	-	-	-
MSKP03EL-SKPEL-SS ¹⁰ *	MSKP03EL-SKPDL-SS ¹⁰ *	-	-	MSKP03DL-SKPDL-SS ¹⁰ *
MSKP03EL-SKPEL-SN ¹⁰ *	MSKP03EL-SKPDL-SN ¹⁰ *	-	-	MSKP03DL-SKPDL-SN ¹⁰ *
-	-	-	-	-
M12K03EL-12KEL-SS ¹⁰ *	M12K03EL-12KDL-SS ¹⁰ *	-	M12K03EL-SKPEL-PS ¹⁰ *	M12K03DL-12KDL-SS ¹⁰ *
M12K03EL-12KEL-SN ¹⁰ *	M12K03EL-12KDL-SN ¹⁰ *	-	M12K03EL-SKPEL-PN ¹⁰ *	M12K03DL-12KDL-SN ¹⁰ *
-	-	-	-	-
MSKS03EL-SKSEL-SS ¹⁰ *	MSKS03EL-SKSDL-SS ¹⁰ *	-	MSKS03EL-SKSEL-PS ¹⁰ *	MSKS03DL-SKSDL-SS ¹⁰ *
MSKS03EL-SKSEL-SN ¹⁰ *	MSKS03EL-SKSDL-SN ¹⁰ *	-	MSKS03EL-SKSEL-PN ¹⁰ *	MSKS03DL-SKSDL-SN ¹⁰ *
-	-	-	-	-
SM12K03EL-12KEL-SS ¹⁰ *	SM12K03EL-12KDL-SS ¹⁰ *	-	SM12K03EL-SKPEL-PS ¹⁰ *	SM12K03DL-12KDL-SS ¹⁰ *
SM12K03EL-12KEL-SN ¹⁰ *	SM12K03EL-12KDL-SN ¹⁰ *	-	SM12K03EL-SKPEL-PN ¹⁰ *	SM12K03DL-12KDL-SN ¹⁰ *
-	-	-	-	-
SMSKS03EL-SKSEL-SS ¹⁰ *	SMSKS03EL-SKSDL-SS ¹⁰ *	-	SMSKS03EL-SKSEL-PS ¹⁰ *	SMSKS03DL-SKSDL-SS ¹⁰ *
SMSKS03EL-SKSEL-SN ¹⁰ *	SMSKS03EL-SKSDL-SN ¹⁰ *	-	SMSKS03EL-SKSEL-PN ¹⁰ *	SMSKS03DL-SKSDL-SN ¹⁰ *
-	-	-	-	-
MSKP03EL-SKPER-SS ¹⁰ *	MSKP03EL-SKPDR-SS ¹⁰ *	MSKP03DL-SKPER-SS ¹⁰ *	-	MSKP03DL-SKPDR-SS ¹⁰ *
MSKP03EL-SKPER-SN ¹⁰ *	MSKP03EL-SKPDR-SN ¹⁰ *	MSKP03DL-SKPER-SN ¹⁰ *	-	MSKP03DL-SKPDR-SN ¹⁰ *
-	-	-	-	-
M12K03EL-12KER-SS ¹⁰ *	M12K03EL-12KDR-SS ¹⁰ *	M12K03DL-12KER-SS ¹⁰ *	M12K03EL-12KER-PS ¹⁰ *	M12K03DL-12KDR-SS ¹⁰ *
M12K03EL-12KER-SN ¹⁰ *	M12K03EL-12KDR-SN ¹⁰ *	M12K03DL-12KER-SN ¹⁰ *	M12K03EL-SKPER-PN ¹⁰ *	M12K03DL-12KDR-SN ¹⁰ *
-	-	-	-	-
M12K03EL-12KER-SS ¹⁰ *	MSKS03EL-SKSDR-SS ¹⁰ *	MSKS03DL-SKSER-SS ¹⁰ *	M12K03EL-12KER-PS ¹⁰ *	M12K03DL-12KDR-SS ¹⁰ *
MSKS03EL-SKSER-SN ¹⁰ *	MSKS03EL-SKSDR-SN ¹⁰ *	MSKS03DL-SKSER-SN ¹⁰ *	MSKS03EL-SKSER-PN ¹⁰ *	MSKS03DL-SKSDR-SN ¹⁰ *
-	-	-	-	-
SM12K03EL-12KER-SS ¹⁰ *	SM12K03EL-12KDR-SS ¹⁰ *	SM12K03DL-12KER-SS ¹⁰ *	SM12K03EL-12KER-PS ¹⁰ *	SM12K03DL-12KDR-SS ¹⁰ *
SM12K03EL-12KER-SN ¹⁰ *	SM12K03EL-12KDR-SN ¹⁰ *	SM12K03DL-12KER-SN ¹⁰ *	SM12K03EL-SKPER-PN ¹⁰ *	SM12K03DL-12KDR-SN ¹⁰ *
-	-	-	-	-
SMSKS03EL-SKSER-SS ¹⁰ *	SMSKS03EL-SKSDR-SS ¹⁰ *	SMSKS03DL-SKSER-SS ¹⁰ *	SMSKS03EL-SKSER-PS ¹⁰ *	SMSKS03DL-SKSDR-SS ¹⁰ *
SMSKS03EL-SKSER-SN ¹⁰ *	SMSKS03EL-SKSDR-SN ¹⁰ *	SMSKS03DL-SKSER-SN ¹⁰ *	SMSKS03EL-SKSER-PN ¹⁰ *	SMSKS03DL-SKSDR-SN ¹⁰ *
-	-	-	-	-
MSKP03ER-SKPER-SS ¹⁰ *	MSKP03ER-SKPDR-SS ¹⁰ *	-	-	MSKP03DR-SKPDR-SS ¹⁰ *
MSKP03ER-SKPER-SN ¹⁰ *	MSKP03ER-SKPDR-SN ¹⁰ *	-	-	MSKP03DR-SKPDR-SN ¹⁰ *
-	-	-	-	-
M12K03ER-12KER-SS ¹⁰ *	M12K03ER-12KDR-SS ¹⁰ *	-	M12K03ER-12KER-PS ¹⁰ *	M12K03DR-12KDR-SS ¹⁰ *
M12K03ER-12KER-SN ¹⁰ *	M12K03ER-12KDR-SN ¹⁰ *	-	M12K03ER-SKPER-PN ¹⁰ *	M12K03DR-12KDR-SN ¹⁰ *
-	-	-	-	-
MSKS03ER-SKSER-SS ¹⁰ *	MSKS03ER-SKSDR-SS ¹⁰ *	-	MSKS03ER-SKSER-PS ¹⁰ *	MSKS03DR-SKSDR-SS ¹⁰ *
MSKS03ER-SKSER-SN ¹⁰ *	MSKS03ER-SKSDR-SN ¹⁰ *	-	MSKS03ER-SKSER-PN ¹⁰ *	MSKS03DR-SKSDR-SN ¹⁰ *
-	-	-	-	-
SM12K03ER-12KER-SS ¹⁰ *	SM12K03ER-12KDR-SS ¹⁰ *	-	SM12K03ER-SKPER-PS ¹⁰ *	SM12K03DR-12KDR-SS ¹⁰ *
SM12K03ER-12KER-SN ¹⁰ *	SM12K03ER-12KDR-SN ¹⁰ *	-	SM12K03ER-SKPER-PN ¹⁰ *	SM12K03DR-12KDR-SN ¹⁰ *
-	-	-	-	-
SMSKS03ER-SKSER-SS ¹⁰ *	SMSKS03ER-SKSDR-SS ¹⁰ *	-	SMSKS03ER-SKSER-PS ¹⁰ *	SMSKS03DR-SKSDR-SS ¹⁰ *
SMSKS03ER-SKSER-SN ¹⁰ *	SMSKS03ER-SKSDR-SN ¹⁰ *	-	SMSKS03ER-SKSER-PN ¹⁰ *	SMSKS03DR-SKSDR-SN ¹⁰ *

Number of Contacts	3 (2+PE)	
Coding	M	
Rated Voltage (AC/DC)	630V	
Nominal current	8A	
Pin Assignment	Male Power / Female Ground	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact PE⁽¹⁾ : Male Ground PE⁽²⁾ : Female Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

M code L code 	All Plastic	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- MSMP03EL-SMPEL-SS 10 * MSMP03EL-SMPEL-SN 10 *	- MSMP03EL-SMPDL-SS 10 * MSMP03EL-SMPDL-SN 10 *
	Metal Nut	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- M12M03EL-12MEL-SS 10 * M12M03EL-12MEL-SN 10 *	- M12M03EL-12MDL-SS 10 * M12M03EL-12MDL-SN 10 *
		Shielded	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- MSMS03EL-SMSEL-SS 10 * MSMS03EL-SMSEL-SN 10 *
	Stainless		UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- SM12M03EL-12MEL-SS 10 * SM12M03EL-12MEL-SN 10 *
		Stainless Shielded	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- SMSMS03EL-SMSEL-SS 10 * SMSMS03EL-SMSEL-SN 10 *



STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾


M code L code 	All Plastic	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- MSMP03EL-SMPER-SS 10 * MSMP03EL-SMPER-SN 10 *	- MSMP03EL-SMPDR-SS 10 * MSMP03EL-SMPDR-SN 10 *
	Metal Nut	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- M12M03EL-12MER-SS 10 * M12M03EL-12MER-SN 10 *	- M12M03EL-12MDR-SS 10 * M12M03EL-12MDR-SN 10 *
		Shielded	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- M12M03EL-12MER-SS 10 * MSMS03EL-SMSER-SN 10 *
	Stainless		UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- SM12M03EL-12MER-SS 10 * SM12M03EL-12MER-SN 10 *
		Stainless Shielded	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- SMSMS03EL-SMSER-SS 10 * SMSMS03EL-SMSER-SN 10 *

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

M code L code 	All Plastic	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- MSMP03ER-SMPER-SS 10 * MSMP03ER-SMPER-SN 10 *	- MSMP03ER-SMPDR-SS 10 * MSMP03ER-SMPDR-SN 10 *
	Metal Nut	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- M12M03ER-12MER-SS 10 * M12M03ER-12MER-SN 10 *	- M12M03ER-12MDR-SS 10 * M12M03ER-12MDR-SN 10 *
		Shielded	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- MSMS03ER-SMSER-SS 10 * MSMS03ER-SMSER-SN 10 *
	Stainless		UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- SM12M03ER-12MER-SS 10 * SM12M03ER-12MER-SN 10 *
		Stainless Shielded	UL20233, PUR Jacket UL20234, PUR Jacket UL20549, High Flex / Bending PUR	- SMSMS03ER-SMSER-SS 10 * SMSMS03ER-SMSER-SN 10 *

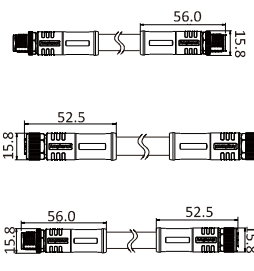
* Upon Request
¹⁾ Standard Lengths: 1M, 2M, 3M, M4, M5 and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (2+PE)			3	
M			L	
630V			63V	
8A			12A	
FM	MPronto-12 (M/M)	Female Power / Male Ground	MM	MF
				
-	-	-	MSLP03ML-SLPML-SH ¹⁰ *	MSLP03ML-SLPFL-SH ¹⁰ *
-	-	MSMP03DL-SMPDL-SS ¹⁰ *	-	-
-	-	MSMP03DL-SMPDL-SN ¹⁰ *	MSLP03ML-SLPML-SN ¹⁰ *	MSLP03ML-SLPFL-SN ¹⁰ *
-	-	-	M12L03ML-12LML-SH ¹⁰ *	M12L03ML-12LFL-SH ¹⁰ *
-	M12M03EL-SMPEL-PS ¹⁰ *	M12M03DL-12MDL-SS ¹⁰ *	-	-
-	M12M03EL-SMPEL-PN ¹⁰ *	M12M03DL-12MDL-SN ¹⁰ *	M12L03ML-12LML-SN ¹⁰ *	M12L03ML-12LFL-SN ¹⁰ *
-	-	-	MLS03ML-SLSML-SH ¹⁰ *	MLS03ML-SLSFL-SH ¹⁰ *
-	MSMS03EL-SMSEL-PS ¹⁰ *	MSMS03DL-SMSDL-SS ¹⁰ *	-	-
-	MSMS03EL-SMSEL-PN ¹⁰ *	MSMS03DL-SMSDL-SN ¹⁰ *	MLS03ML-SLSML-SN ¹⁰ *	MLS03ML-SLSFL-SN ¹⁰ *
-	-	-	SM12L03ML-12LML-SH ¹⁰ *	SM12L03ML-12LFL-SH ¹⁰ *
-	SM12M03EL-SMPEL-PS ¹⁰ *	SM12M03DL-12MDL-SS ¹⁰ *	-	-
-	SM12M03EL-SMPEL-PN ¹⁰ *	SM12M03DL-12MDL-SN ¹⁰ *	SM12L03ML-12LML-SN ¹⁰ *	SM12L03ML-12LFL-SN ¹⁰ *
-	-	-	SMSLS03ML-SLSML-SH ¹⁰ *	SMSLS03ML-SLSFL-SH ¹⁰ *
-	SMSMS03EL-SMSEL-PS ¹⁰ *	SMSMS03DL-SMSDL-SS ¹⁰ *	-	-
-	SMSMS03EL-SMSEL-PN ¹⁰ *	SMSMS03DL-SMSDL-SN ¹⁰ *	SMSLS03ML-SLSML-SN ¹⁰ *	SMSLS03ML-SLSFL-SN ¹⁰ *
-	-	-	-	-
-	-	-	MSLP03ML-SLPMR-SH ¹⁰ *	MSLP03ML-SLPFR-SH ¹⁰ *
MSMP03DL-SMPER-SS ¹⁰ *	-	MSMP03DL-SMPDR-SS ¹⁰ *	-	-
MSMP03DL-SMPER-SN ¹⁰ *	-	MSMP03DL-SMPDR-SN ¹⁰ *	MSLP03ML-SLPMR-SN ¹⁰ *	MSLP03ML-SLPFR-SN ¹⁰ *
-	-	-	M12L03ML-12LMR-SH ¹⁰ *	M12L03ML-12LFR-SH ¹⁰ *
M12M03DL-12MER-SS ¹⁰ *	M12M03EL-12MER-PS ¹⁰ *	M12M03DL-12MDR-SS ¹⁰ *	-	-
M12M03DL-12MER-SN ¹⁰ *	M12M03EL-SMPER-PN ¹⁰ *	M12M03DL-12MDR-SN ¹⁰ *	M12L03ML-12LMR-SN ¹⁰ *	M12L03ML-12LFR-SN ¹⁰ *
-	-	-	MLS03ML-SLSMR-SH ¹⁰ *	MLS03ML-SLSFR-SH ¹⁰ *
MSMS03DL-SMSER-SS ¹⁰ *	M12M03EL-12MER-PS ¹⁰ *	M12M03DL-12MDR-SS ¹⁰ *	-	-
MSMS03DL-SMSER-SN ¹⁰ *	MSMS03EL-SMSER-PN ¹⁰ *	MSMS03DL-SMSDR-SN ¹⁰ *	MLS03ML-SLSMR-SN ¹⁰ *	MLS03ML-SLSFR-SN ¹⁰ *
-	-	-	SM12L03ML-12LMR-SH ¹⁰ *	SM12L03ML-12LFR-SH ¹⁰ *
SM12M03DL-12MER-SS ¹⁰ *	SM12M03EL-12MER-PS ¹⁰ *	SM12M03DL-12MDR-SS ¹⁰ *	-	-
SM12M03DL-12MER-SN ¹⁰ *	SM12M03EL-SMPER-PN ¹⁰ *	SM12M03DL-12MDR-SN ¹⁰ *	SM12L03ML-12LMR-SN ¹⁰ *	SM12L03ML-12LFR-SN ¹⁰ *
-	-	-	SMSLS03ML-SLSMR-SH ¹⁰ *	SMSLS03ML-SLSFR-SH ¹⁰ *
SMSMS03DL-SMSER-SS ¹⁰ *	SMSMS03EL-SMSER-PS ¹⁰ *	SMSMS03DL-SMSDR-SS ¹⁰ *	-	-
SMSMS03DL-SMSER-SN ¹⁰ *	SMSMS03EL-SMSER-PN ¹⁰ *	SMSMS03DL-SMSDR-SN ¹⁰ *	SMSLS03ML-SLSMR-SN ¹⁰ *	SMSLS03ML-SLSFR-SN ¹⁰ *
-	-	-	-	-
-	-	-	MSLP03MR-SLPMR-SH ¹⁰ *	MSLP03MR-SLPFR-SH ¹⁰ *
-	-	MSMP03DR-SMPDR-SS ¹⁰ *	-	-
-	-	MSMP03DR-SMPDR-SN ¹⁰ *	MSLP03MR-SLPMR-SN ¹⁰ *	MSLP03MR-SLPFR-SN ¹⁰ *
-	-	-	M12L03MR-12LMR-SH ¹⁰ *	M12L03MR-12LFR-SH ¹⁰ *
-	M12M03ER-12MER-PS ¹⁰ *	M12M03DR-12MDR-SS ¹⁰ *	-	-
-	M12M03ER-SMPER-PN ¹⁰ *	M12M03DR-12MDR-SN ¹⁰ *	M12L03MR-12LMR-SN ¹⁰ *	M12L03MR-12LFR-SN ¹⁰ *
-	-	-	MLS03MR-SLSMR-SH ¹⁰ *	MLS03MR-SLSFR-SH ¹⁰ *
-	MSMS03ER-SMSER-PS ¹⁰ *	MSMS03DR-SMSDR-SS ¹⁰ *	-	-
-	MSMS03ER-SMSER-PN ¹⁰ *	MSMS03DR-SMSDR-SN ¹⁰ *	MLS03MR-SLSMR-SN ¹⁰ *	MLS03MR-SLSFR-SN ¹⁰ *
-	-	-	SM12L03MR-12LMR-SH ¹⁰ *	SM12L03MR-12LFR-SH ¹⁰ *
-	SM12M03ER-SMPER-PS ¹⁰ *	SM12M03DR-12MDR-SS ¹⁰ *	-	-
-	SM12M03ER-SMPER-PN ¹⁰ *	SM12M03DR-12MDR-SN ¹⁰ *	SM12L03MR-12LMR-SN ¹⁰ *	SM12L03MR-12LFR-SN ¹⁰ *
-	-	-	SMSLS03MR-SLSMR-SH ¹⁰ *	SMSLS03MR-SLSFR-SH ¹⁰ *
-	SMSMS03ER-SMSER-PS ¹⁰ *	SMSMS03DR-SMSDR-SS ¹⁰ *	-	-
-	SMSMS03ER-SMSER-PN ¹⁰ *	SMSMS03DR-SMSDR-SN ¹⁰ *	SMSLS03MR-SLSMR-SN ¹⁰ *	SMSLS03MR-SLSFR-SN ¹⁰ *

Number of Contacts	3	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	12A	
Pin Assignment	FM	MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact PE⁽¹⁾ : Male Ground PE⁽²⁾ : Female Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL20233, PUR Jacket	-	M12L03ML-12LML-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	M12L03ML-SLPML-PN ⑩ *
	Shielded	UL20233, PUR Jacket	-	MSLS03ML-SLSML-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	MSLS03ML-SLSML-PN ⑩ *
Stainless	UL20233, PUR Jacket	-	SM12L03ML-12LML-PH ⑩ *	
	UL20549, High Flex / Bending PUR	-	SM12L03ML-SLPML-PN ⑩ *	
Stainless Shielded	UL20233, PUR Jacket	-	SMSLS03ML-SLSML-PH ⑩ *	
	UL20549, High Flex / Bending PUR	-	SMSLS03ML-SLSML-PN ⑩ *	

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	MSLP03FL-SLPMR-SH ⑩ *	-
		UL20549, High Flex / Bending PUR	MSLP03FL-SLPMR-SN ⑩ *	-
	Metal Nut	UL20233, PUR Jacket	M12L03FL-12LMR-SH ⑩ *	M12L03ML-12LMR-PH ⑩ *
		UL20549, High Flex / Bending PUR	M12L03FL-12LMR-SN ⑩ *	M12L03ML-SLPMR-PN ⑩ *
	Shielded	UL20233, PUR Jacket	MSLS03FL-SLSMR-SH ⑩ *	MSLS03ML-SLSMR-PH ⑩ *
		UL20549, High Flex / Bending PUR	MSLS03FL-SLSMR-SN ⑩ *	MSLS03ML-SLSMR-PN ⑩ *
	Stainless	UL20233, PUR Jacket	SM12L03FL-12LMR-SH ⑩ *	SM12L03ML-12LMR-PH ⑩ *
		UL20549, High Flex / Bending PUR	SM12L03FL-12LMR-SN ⑩ *	SM12L03ML-SLPMR-PN ⑩ *
	Stainless Shielded	UL20233, PUR Jacket	SMSLS03FL-SLSMR-SH ⑩ *	SMSLS03ML-SLSMR-PH ⑩ *
		UL20549, High Flex / Bending PUR	SMSLS03FL-SLSMR-SN ⑩ *	SMSLS03ML-SLSMR-PN ⑩ *



RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL20233, PUR Jacket	-	M12L03MR-12LMR-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	M12L03MR-SLPMR-PN ⑩ *
	Shielded	UL20233, PUR Jacket	-	MSLS03MR-SLSMR-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	MSLS03MR-SLSMR-PN ⑩ *
Stainless	UL20233, PUR Jacket	-	SM12L03MR-12LMR-PH ⑩ *	
	UL20549, High Flex / Bending PUR	-	SM12L03MR-SLPMR-PN ⑩ *	
Stainless Shielded	UL20233, PUR Jacket	-	SMSLS03MR-SLSMR-PH ⑩ *	
	UL20549, High Flex / Bending PUR	-	SMSLS03MR-SLSMR-PN ⑩ *	

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3		3 (2+FE)		
L		L		
63V		63V		
12A		16A		
FF	Male Power / Female Ground	MF	FM	MPronto-12 (M/M)
				
MSLP03FL-SLPFL-SH 10*	MSLP03EL-SLPEL-SH 10*	MSLP03EL-SLPDL-SH 10*	-	-
MSLP03FL-SLPFL-SN 10*	MSLP03EL-SLPEL-SN 10*	MSLP03EL-SLPDL-SN 10*	-	-
M12L03FL-12LFL-SH 10*	M12L03EL-12LEL-SH 10*	M12L03EL-12LDL-SH 10*	-	M12L03EL-12LEL-PH 10*
M12L03FL-12LFL-SN 10*	M12L03EL-12LEL-SN 10*	M12L03EL-12LDL-SN 10*	-	M12L03EL-SLPEL-PN 10*
MSL03FL-SLSFL-SH 10*	MSL03EL-SLSEL-SH 10*	MSL03EL-SLSDL-SH 10*	-	MSL03EL-SLSEL-PH 10*
MSL03FL-SLSFL-SN 10*	MSL03EL-SLSEL-SN 10*	MSL03EL-SLSDL-SN 10*	-	MSL03EL-SLSEL-PN 10*
SM12L03FL-12LFL-SH 10*	SM12L03EL-12LEL-SH 10*	SM12L03EL-12LDL-SH 10*	-	SM12L03EL-12LEL-PH 10*
SM12L03FL-12LFL-SN 10*	SM12L03EL-12LEL-SN 10*	SM12L03EL-12LDL-SN 10*	-	SM12L03EL-SLPEL-PN 10*
SMSLS03FL-SLSFL-SH 10*	SMSLS03EL-SLSEL-SH 10*	SMSLS03EL-SLSDL-SH 10*	-	SMSLS03EL-SLSEL-PH 10*
SMSLS03FL-SLSFL-SN 10*	SMSLS03EL-SLSEL-SN 10*	SMSLS03EL-SLSDL-SN 10*	-	SMSLS03EL-SLSEL-PN 10*
MSLP03FL-SLPFR-SH 10*	MSLP03EL-SLPER-SH 10*	MSLP03EL-SLPDR-SH 10*	MSLP03DL-SLPER-SH 10*	-
MSLP03FL-SLPFR-SN 10*	MSLP03EL-SLPER-SN 10*	MSLP03EL-SLPDR-SN 10*	MSLP03DL-SLPER-SN 10*	-
M12L03FL-12LFR-SH 10*	M12L03EL-12LER-SH 10*	M12L03EL-12LDR-SH 10*	M12L03DL-12LER-SH 10*	M12L03EL-12LER-PH 10*
M12L03FL-12LFR-SN 10*	M12L03EL-12LER-SN 10*	M12L03EL-12LDR-SN 10*	M12L03DL-12LER-SN 10*	M12L03EL-SLPER-PN 10*
MSL03FL-SLSFR-SH 10*	MSL03EL-SLSER-SH 10*	MSL03EL-SLSDR-SH 10*	MSL03DL-SLSER-SH 10*	MSL03EL-SLSER-PH 10*
MSL03FL-SLSFR-SN 10*	MSL03EL-SLSER-SN 10*	MSL03EL-SLSDR-SN 10*	MSL03DL-SLSER-SN 10*	MSL03EL-SLSER-PN 10*
SM12L03FL-12LFR-SH 10*	SM12L03EL-12LER-SH 10*	SM12L03EL-12LDR-SH 10*	SM12L03DL-12LER-SH 10*	SM12L03EL-12LER-PH 10*
SM12L03FL-12LFR-SN 10*	SM12L03EL-12LER-SN 10*	SM12L03EL-12LDR-SN 10*	SM12L03DL-12LER-SN 10*	SM12L03EL-SLPER-PN 10*
SMSLS03FL-SLSFR-SH 10*	SMSLS03EL-SLSER-SH 10*	SMSLS03EL-SLSDR-SH 10*	SMSLS03DL-SLSER-SH 10*	SMSLS03EL-SLSER-PH 10*
SMSLS03FL-SLSFR-SN 10*	SMSLS03EL-SLSER-SN 10*	SMSLS03EL-SLSDR-SN 10*	SMSLS03DL-SLSER-SN 10*	SMSLS03EL-SLSER-PN 10*
MSLP03FR-SLPFR-SH 10*	MSLP03ER-SLPER-SH 10*	MSLP03ER-SLPDR-SH 10*	-	-
MSLP03FR-SLPFR-SN 10*	MSLP03ER-SLPER-SN 10*	MSLP03ER-SLPDR-SN 10*	-	-
M12L03FR-12LFR-SH 10*	M12L03ER-12LER-SH 10*	M12L03ER-12LDR-SH 10*	-	M12L03ER-12LER-PH 10*
M12L03FR-12LFR-SN 10*	M12L03ER-12LER-SN 10*	M12L03ER-12LDR-SN 10*	-	M12L03ER-SLPER-PN 10*
MSL03FR-SLSFR-SH 10*	MSL03ER-SLSER-SH 10*	MSL03ER-SLSDR-SH 10*	-	MSL03ER-SLSER-PH 10*
MSL03FR-SLSFR-SN 10*	MSL03ER-SLSER-SN 10*	MSL03ER-SLSDR-SN 10*	-	MSL03ER-SLSER-PN 10*
SM12L03FR-12LFR-SH 10*	SM12L03ER-12LER-SH 10*	SM12L03ER-12LDR-SH 10*	-	SM12L03ER-12LER-PH 10*
SM12L03FR-12LFR-SN 10*	SM12L03ER-12LER-SN 10*	SM12L03ER-12LDR-SN 10*	-	SM12L03ER-SLPER-PN 10*
SMSLS03FR-SLSFR-SH 10*	SMSLS03ER-SLSER-SH 10*	SMSLS03ER-SLSDR-SH 10*	-	SMSLS03ER-SLSER-PH 10*
SMSLS03FR-SLSFR-SN 10*	SMSLS03ER-SLSER-SN 10*	SMSLS03ER-SLSDR-SN 10*	-	SMSLS03ER-SLSER-PN 10*

Number of Contacts	3 (2+FE)	3 (2+PE)
Coding	L	S
Rated Voltage (AC/DC)	63V	630V
Nominal current	16A	12A
Pin Assignment	Female Power / Male Ground	MM
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾

<p>MM</p> <p>FF</p> <p>MF</p>	All Plastic	UL2586, PVC Jacket	-	MSSP03ML-SSPML-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	MSLP03DL-SLPDL-SH ⁽¹⁰⁾ *	-
	Metal Nut	UL20549, High Flex / Bending PUR	MSLP03DL-SLPDL-SN ⁽¹⁰⁾ *	MSSP03ML-SSPML-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	M12S03ML-12SML-SG ⁽¹⁰⁾ *
	Shielded	UL20233, PUR Jacket	M12L03DL-12LDL-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	M12L03DL-12LDL-SN ⁽¹⁰⁾ *	M12S03ML-12SML-SN ⁽¹⁰⁾ *
	Stainless	UL2586, PVC Jacket	-	MSSS03ML-SSSML-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	MLSL03DL-SLSDL-SH ⁽¹⁰⁾ *	-
	Stainless Shielded	UL20549, High Flex / Bending PUR	MLSL03DL-SLSDL-SN ⁽¹⁰⁾ *	MSSS03ML-SSSML-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	SM12S03ML-12SML-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	SM12L03DL-12LDL-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	SM12L03DL-12LDL-SN ⁽¹⁰⁾ *	SM12S03ML-12SML-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	SMSSS03ML-SSSML-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	SMSL03DL-SLSDL-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	SMSL03DL-SLSDL-SN ⁽¹⁰⁾ *	SMSSS03ML-SSSML-SN ⁽¹⁰⁾ *

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾

<p>MM</p> <p>FF</p> <p>MF</p> <p>FM</p>	All Plastic	UL2586, PVC Jacket	-	MSSP03ML-SSPMR-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	MSLP03DL-SLPDR-SH ⁽¹⁰⁾ *	-
	Metal Nut	UL20549, High Flex / Bending PUR	MSLP03DL-SLPDR-SN ⁽¹⁰⁾ *	MSSP03ML-SSPMR-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	M12S03ML-12SMR-SG ⁽¹⁰⁾ *
	Shielded	UL20233, PUR Jacket	M12L03DL-12LDR-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	M12L03DL-12LDR-SN ⁽¹⁰⁾ *	M12S03ML-12SMR-SN ⁽¹⁰⁾ *
	Stainless	UL2586, PVC Jacket	-	MSSS03ML-SSSMR-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	MLSL03DL-SLSDR-SH ⁽¹⁰⁾ *	-
	Stainless Shielded	UL20549, High Flex / Bending PUR	MLSL03DL-SLSDR-SN ⁽¹⁰⁾ *	MSSS03ML-SSSMR-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	SM12S03ML-12SMR-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	SM12L03DL-12LDR-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	SM12L03DL-12LDR-SN ⁽¹⁰⁾ *	SM12S03ML-12SMR-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	SMSSS03ML-SSSMR-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	SMSL03DL-SLSDR-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	SMSL03DL-SLSDR-SN ⁽¹⁰⁾ *	SMSSS03ML-SSSMR-SN ⁽¹⁰⁾ *



RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly


⑩ Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE⁽¹⁾

<p>MM</p> <p>FF</p> <p>MF</p>	All Plastic	UL2586, PVC Jacket	-	MSSP03MR-SSPMR-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	MSLP03DR-SLPDR-SH ⁽¹⁰⁾ *	-
	Metal Nut	UL20549, High Flex / Bending PUR	MSLP03DR-SLPDR-SN ⁽¹⁰⁾ *	MSSP03MR-SSPMR-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	M12S03MR-12SMR-SG ⁽¹⁰⁾ *
	Shielded	UL20233, PUR Jacket	M12L03DR-12LDR-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	M12L03DR-12LDR-SN ⁽¹⁰⁾ *	M12S03MR-12SMR-SN ⁽¹⁰⁾ *
	Stainless	UL2586, PVC Jacket	-	MSSS03MR-SSSMR-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	MLSL03DR-SLSDR-SH ⁽¹⁰⁾ *	-
	Stainless Shielded	UL20549, High Flex / Bending PUR	MLSL03DR-SLSDR-SN ⁽¹⁰⁾ *	MSSS03MR-SSSMR-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	SM12S03MR-12SMR-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	SM12L03DR-12LDR-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	SM12L03DR-12LDR-SN ⁽¹⁰⁾ *	SM12S03MR-12SMR-SN ⁽¹⁰⁾ *
		UL2586, PVC Jacket	-	SMSSS03MR-SSSMR-SG ⁽¹⁰⁾ *
		UL20233, PUR Jacket	SMSL03DR-SLSDR-SH ⁽¹⁰⁾ *	-
		UL20549, High Flex / Bending PUR	SMSL03DR-SLSDR-SN ⁽¹⁰⁾ *	SMSSS03MR-SSSMR-SN ⁽¹⁰⁾ *

* Upon Request

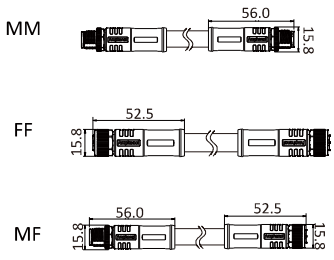
⁽¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

3 (2+PE)				3
S				T
630V				63V
12A				12A
MF	FM	MPronto-12 (M/M)	FF	MM
				
MSSP03ML-SSPFL-SG 10 *	-	-	MSSP03FL-SSPFL-SG 10 *	-
-	-	-	-	MSTP03ML-STPML-SH 10 *
MSSP03ML-SSPFL-SN 10 *	-	-	MSSP03FL-SSPFL-SN 10 *	MSTP03ML-STPML-SN 10 *
M12S03ML-12SFL-SG 10 *	-	M12S03ML-12SML-PG 10 *	M12S03FL-12SFL-SG 10 *	-
-	-	-	-	M12T03ML-12TML-SH 10 *
M12S03ML-12SFL-SN 10 *	-	M12S03ML-SSPML-PN 10 *	M12S03FL-12SFL-SN 10 *	M12T03ML-12TML-SN 10 *
MSSS03ML-SSSFL-SG 10 *	-	MSSS03ML-SSSML-PG 10 *	MSSS03FL-SSSFL-SG 10 *	-
-	-	-	-	MSTS03ML-STSMML-SH 10 *
MSSS03ML-SSSFL-SN 10 *	-	MSSS03ML-SSSML-PN 10 *	MSSS03FL-SSSFL-SN 10 *	MSTS03ML-STSMML-SN 10 *
SM12S03ML-12SFL-SG 10 *	-	SM12S03ML-12SML-PG 10 *	SM12S03FL-12SFL-SG 10 *	-
-	-	-	-	SM12T03ML-12TML-SH 10 *
SM12S03ML-12SFL-SN 10 *	-	SM12S03ML-SSPML-PN 10 *	SM12S03FL-12SFL-SN 10 *	SM12T03ML-12TML-SN 10 *
SMSSS03ML-SSSFL-SG 10 *	-	SMSSS03ML-SSSML-PG 10 *	SMSSS03FL-SSSFL-SG 10 *	-
-	-	-	-	SMSTS03ML-STSMML-SH 10 *
SMSSS03ML-SSSFL-SN 10 *	-	SMSSS03ML-SSSML-PN 10 *	SMSSS03FL-SSSFL-SN 10 *	SMSTS03ML-STSMML-SN 10 *
MSSP03ML-SSPFR-SG 10 *	MSSP03FL-SSPMR-SG 10 *	-	MSSP03FL-SSPFR-SG 10 *	-
-	-	-	-	MSTP03ML-STPMR-SH 10 *
MSSP03ML-SSPFR-SN 10 *	MSSP03FL-SSPMR-SN 10 *	-	MSSP03FL-SSPFR-SN 10 *	MSTP03ML-STPMR-SN 10 *
M12S03ML-12SFR-SG 10 *	M12S03FL-12SMR-SG 10 *	M12S03ML-12SMR-PG 10 *	M12S03FL-12SFR-SG 10 *	-
-	-	-	-	M12T03ML-12TMR-SH 10 *
M12S03ML-12SFR-SN 10 *	M12S03FL-12SMR-SN 10 *	M12S03ML-SSPMR-PN 10 *	M12S03FL-12SFR-SN 10 *	M12T03ML-12TMR-SN 10 *
MSSS03ML-SSSFR-SG 10 *	MSSS03FL-SSSMR-SG 10 *	MSSS03ML-SSSMR-PG 10 *	MSSS03FL-SSSFR-SG 10 *	-
-	-	-	-	MSTS03ML-STSMR-SH 10 *
MSSS03ML-SSSFR-SN 10 *	MSSS03FL-SSSMR-SN 10 *	MSSS03ML-SSSMR-PN 10 *	MSSS03FL-SSSFR-SN 10 *	MSTS03ML-STSMR-SN 10 *
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SM12S03ML-12SFR-SN 10 *	SM12S03FL-12SMR-SN 10 *	SM12S03ML-SSPMR-PN 10 *	SM12S03FL-12SFR-SN 10 *	SM12T03ML-12TMR-SN 10 *
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-	-	-	-	SMSTS03ML-STSMR-SH 10 *
SMSSS03ML-SSSFR-SN 10 *	SMSSS03FL-SSSMR-SN 10 *	SMSSS03ML-SSSMR-PN 10 *	SMSSS03FL-SSSFR-SN 10 *	SMSTS03ML-STSMR-SN 10 *
MSSP03MR-SSPFR-SG 10 *	-	-	MSSP03FR-SSPFR-SG 10 *	-
-	-	-	-	MSTP03MR-STPMR-SH 10 *
MSSP03MR-SSPFR-SN 10 *	-	-	MSSP03FR-SSPFR-SN 10 *	MSTP03MR-STPMR-SN 10 *
M12S03MR-12SFR-SG 10 *	-	M12S03MR-12SMR-PG 10 *	M12S03FR-12SFR-SG 10 *	-
-	-	-	-	M12T03MR-12TMR-SH 10 *
M12S03MR-12SFR-SN 10 *	-	M12S03MR-SSPMR-PN 10 *	M12S03FR-12SFR-SN 10 *	M12T03MR-12TMR-SN 10 *
MSSS03MR-SSSFR-SG 10 *	-	MSSS03MR-SSSMR-PG 10 *	MSSS03FR-SSSFR-SG 10 *	-
-	-	-	-	MSTS03MR-STSMR-SH 10 *
MSSS03MR-SSSFR-SN 10 *	-	MSSS03MR-SSSMR-PN 10 *	MSSS03FR-SSSFR-SN 10 *	MSTS03MR-STSMR-SN 10 *
SM12S03MR-12SFR-SG 10 *	-	SM12S03MR-12SMR-PG 10 *	SM12S03FR-12SFR-SG 10 *	-
-	-	-	-	SM12T03MR-12TMR-SH 10 *
SM12S03MR-12SFR-SN 10 *	-	SM12S03MR-SSPMR-PN 10 *	SM12S03FR-12SFR-SN 10 *	SM12T03MR-12TMR-SN 10 *
SMSSS03MR-SSSFR-SG 10 *	-	SMSSS03MR-SSSMR-PG 10 *	SMSSS03FR-SSSFR-SG 10 *	-
-	-	-	-	SMSTS03MR-STSMR-SH 10 *
SMSSS03MR-SSSFR-SN 10 *	-	SMSSS03MR-SSSMR-PN 10 *	SMSSS03FR-SSSFR-SN 10 *	SMSTS03MR-STSMR-SN 10 *

Number of Contacts	3	
Coding	T	
Rated Voltage (AC/DC)	63V	
Nominal current	12A	
Pin Assignment	MF	FM
MM : Male Connector Male Contact FF: Female Connector Female Contact PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground		

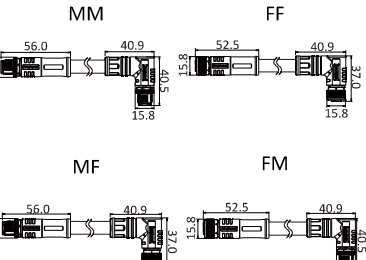
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	MSTP03ML-STPFL-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTP03ML-STPFL-SN ⑩*	-
	Metal Nut	UL20233, PUR Jacket	M12T03ML-12TFL-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12T03ML-12TFL-SN ⑩*	-
	Shielded	UL20233, PUR Jacket	MSTS03ML-STSF-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTS03ML-STSF-SN ⑩*	-
	Stainless	UL20233, PUR Jacket	SM12T03ML-12TFL-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12T03ML-12TFL-SN ⑩*	-
Stainless Shielded		UL20233, PUR Jacket	SMSTS03ML-STSF-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SMSTS03ML-STSF-SN ⑩*	-

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	MSTP03ML-STPFR-SH ⑩*	MSTP03FL-STPFR-SH ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTP03ML-STPFR-SN ⑩*	MSTP03FL-STPFR-SN ⑩*
	Metal Nut	UL20233, PUR Jacket	M12T03ML-12TFR-SH ⑩*	M12T03FL-12TFR-SH ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12T03ML-12TFR-SN ⑩*	M12T03FL-12TFR-SN ⑩*
	Shielded	UL20233, PUR Jacket	MSTS03ML-STSFR-SH ⑩*	MSTS03FL-STSMR-SH ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTS03ML-STSFR-SN ⑩*	MSTS03FL-STSMR-SN ⑩*
	Stainless	UL20233, PUR Jacket	SM12T03ML-12TFR-SH ⑩*	SM12T03FL-12TFR-SH ⑩*
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12T03ML-12TFR-SN ⑩*	SM12T03FL-12TFR-SN ⑩*
Stainless Shielded	UL20233, PUR Jacket	SMSTS03ML-STSFR-SH ⑩*	SMSTS03FL-STSMR-SH ⑩*	
	UL20234, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSTS03ML-STSFR-SN ⑩*	SMSTS03FL-STSMR-SN ⑩*	



RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly


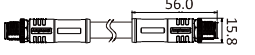
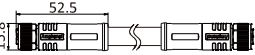

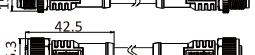

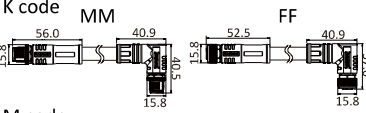
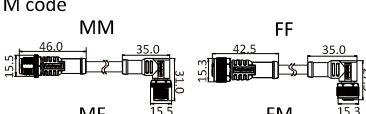
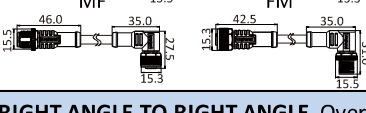
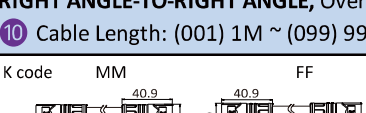
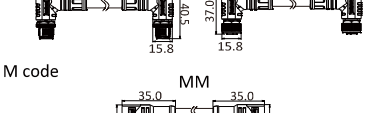
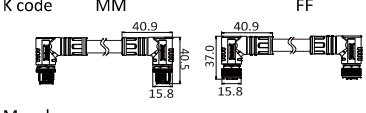
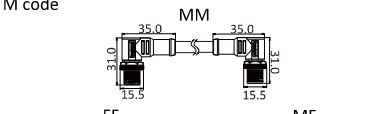
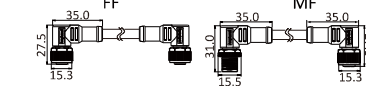
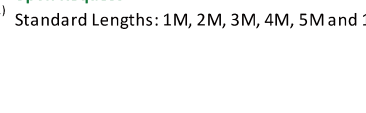
⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL20233, PUR Jacket	MSTP03MR-STPFR-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTP03MR-STPFR-SN ⑩*	-
	Metal Nut	UL20233, PUR Jacket	M12T03MR-12TFR-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	M12T03MR-12TFR-SN ⑩*	-
	Shielded	UL20233, PUR Jacket	MSTS03MR-STSFR-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	MSTS03MR-STSFR-SN ⑩*	-
	Stainless	UL20233, PUR Jacket	SM12T03MR-12TFR-SH ⑩*	-
		UL20234, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	SM12T03MR-12TFR-SN ⑩*	-
Stainless Shielded	UL20233, PUR Jacket	SMSTS03MR-STSFR-SH ⑩*	-	
	UL20234, PUR Jacket	-	-	
	UL20549, High Flex / Bending PUR	SMSTS03MR-STSFR-SN ⑩*	-	

* Upon Request


¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths


3		4 (3+PE)		
T		K		
63V		630V		
12A		16A		
MPronto-12 (M/M)	FF	MM	MF	FM
				
-	MSTP03FL-STPFL-SH ¹⁰ *	-	-	-
-	-	MSKP04EL-SKPEL-SS ¹⁰ *	MSKP04EL-SKPDL-SS ¹⁰ *	-
-	MSTP03FL-STPFL-SN ¹⁰ *	MSKP04EL-SKPEL-SN ¹⁰ *	MSKP04EL-SKPDL-SN ¹⁰ *	-
M12T03ML-12TML-PH ¹⁰ *	M12T03FL-12TFL-SH ¹⁰ *	-	-	-
-	-	M12K04EL-12KEL-SS ¹⁰ *	M12K04EL-12KDL-SS ¹⁰ *	-
M12T03ML-STPML-PN ¹⁰ *	M12T03FL-12TFL-SN ¹⁰ *	M12K04EL-12KEL-SN ¹⁰ *	M12K04EL-12KDL-SN ¹⁰ *	-
MSTS03ML-STSMPL-PH ¹⁰ *	MSTS03FL-STSFSL-SH ¹⁰ *	-	-	-
-	-	MSKS04EL-SKSEL-SS ¹⁰ *	MSKS04EL-SKSDL-SS ¹⁰ *	-
MSTS03ML-STSMPL-PN ¹⁰ *	MSTS03FL-STSFSL-SN ¹⁰ *	MSKS04EL-SKSEL-SN ¹⁰ *	MSKS04EL-SKSDL-SN ¹⁰ *	-
SM12T03ML-12TML-PH ¹⁰ *	SM12T03FL-12TFL-SH ¹⁰ *	-	-	-
-	-	SM12K04EL-12KEL-SS ¹⁰ *	SM12K04EL-12KDL-SS ¹⁰ *	-
SM12T03ML-STPML-PN ¹⁰ *	SM12T03FL-12TFL-SN ¹⁰ *	SM12K04EL-12KEL-SN ¹⁰ *	SM12K04EL-12KDL-SN ¹⁰ *	-
SMSTS03ML-STSMPL-PH ¹⁰ *	SMSTS03FL-STSFSL-SH ¹⁰ *	-	-	-
-	-	SMSKS04EL-SKSEL-SS ¹⁰ *	SMSKS04EL-SKSDL-SS ¹⁰ *	-
SMSTS03ML-STSMPL-PN ¹⁰ *	SMSTS03FL-STSFSL-SN ¹⁰ *	SMSKS04EL-SKSEL-SN ¹⁰ *	SMSKS04EL-SKSDL-SN ¹⁰ *	-
-	MSTP03FL-STPFR-SH ¹⁰ *	-	-	-
-	-	MSKP04EL-SKPER-SS ¹⁰ *	MSKP04EL-SKPDR-SS ¹⁰ *	MSKP04DL-SKPER-SS ¹⁰ *
-	MSTP03FL-STPFR-SN ¹⁰ *	MSKP04EL-SKPER-SN ¹⁰ *	MSKP04EL-SKPDR-SN ¹⁰ *	MSKP04DL-SKPER-SN ¹⁰ *
M12T03ML-12TMR-PH ¹⁰ *	M12T03FL-12TFR-SH ¹⁰ *	-	-	-
-	-	M12K04EL-12KER-SS ¹⁰ *	M12K04EL-12KDR-SS ¹⁰ *	M12K04DL-12KER-SS ¹⁰ *
M12T03ML-STPMR-PN ¹⁰ *	M12T03FL-12TFR-SN ¹⁰ *	M12K04EL-12KER-SN ¹⁰ *	M12K04EL-12KDR-SN ¹⁰ *	M12K04DL-12KER-SN ¹⁰ *
MSTS03ML-STSMR-PH ¹⁰ *	MSTS03FL-STSFR-SH ¹⁰ *	-	-	-
-	-	MSKS04EL-SKSER-SS ¹⁰ *	MSKS04EL-SKSDR-SS ¹⁰ *	MSKS04DL-SKSER-SS ¹⁰ *
MSTS03ML-STSMR-PN ¹⁰ *	MSTS03FL-STSFR-SN ¹⁰ *	MSKS04EL-SKSER-SN ¹⁰ *	MSKS04EL-SKSDR-SN ¹⁰ *	MSKS04DL-SKSER-SN ¹⁰ *
SM12T03ML-12TMR-PH ¹⁰ *	SM12T03FL-12TFR-SH ¹⁰ *	-	-	-
-	-	SM12K04EL-12KER-SS ¹⁰ *	SM12K04EL-12KDR-SS ¹⁰ *	SM12K04DL-12KER-SS ¹⁰ *
SM12T03ML-STPMR-PN ¹⁰ *	SM12T03FL-12TFR-SN ¹⁰ *	SM12K04EL-12KER-SN ¹⁰ *	SM12K04EL-12KDR-SN ¹⁰ *	SM12K04DL-12KER-SN ¹⁰ *
SMSTS03ML-STSMR-PH ¹⁰ *	SMSTS03FL-STSFR-SH ¹⁰ *	-	-	-
-	-	SMSKS04EL-SKSER-SS ¹⁰ *	SMSKS04EL-SKSDR-SS ¹⁰ *	SMSKS04DL-SKSER-SS ¹⁰ *
SMSTS03ML-STSMR-PN ¹⁰ *	SMSTS03FL-STSFR-SN ¹⁰ *	SMSKS04EL-SKSER-SN ¹⁰ *	SMSKS04EL-SKSDR-SN ¹⁰ *	SMSKS04DL-SKSER-SN ¹⁰ *
-	MSTP03FR-STPFR-SH ¹⁰ *	-	-	-
-	-	MSKP04ER-SKPER-SS ¹⁰ *	MSKP04ER-SKPDR-SS ¹⁰ *	-
-	MSTP03FR-STPFR-SN ¹⁰ *	MSKP04ER-SKPER-SN ¹⁰ *	MSKP04ER-SKPDR-SN ¹⁰ *	-
M12T03MR-12TMR-PH ¹⁰ *	M12T03FR-12TFR-SH ¹⁰ *	-	-	-
-	-	M12K04ER-12KER-SS ¹⁰ *	M12K04ER-12KDR-SS ¹⁰ *	-
M12T03MR-STPMR-PN ¹⁰ *	M12T03FR-12TFR-SN ¹⁰ *	M12K04ER-12KER-SN ¹⁰ *	M12K04ER-12KDR-SN ¹⁰ *	-
MSTS03MR-STSMR-PH ¹⁰ *	MSTS03FR-STSFR-SH ¹⁰ *	-	-	-
-	-	MSKS04ER-SKSER-SS ¹⁰ *	MSKS04ER-SKSDR-SS ¹⁰ *	-
MSTS03MR-STSMR-PN ¹⁰ *	MSTS03FR-STSFR-SN ¹⁰ *	MSKS04ER-SKSER-SN ¹⁰ *	MSKS04ER-SKSDR-SN ¹⁰ *	-
SM12T03MR-12TMR-PH ¹⁰ *	SM12T03FR-12TFR-SH ¹⁰ *	-	-	-
-	-	SM12K04ER-12KER-SS ¹⁰ *	SM12K04ER-12KDR-SS ¹⁰ *	-
SM12T03MR-STPMR-PN ¹⁰ *	SM12T03FR-12TFR-SN ¹⁰ *	SM12K04ER-12KER-SN ¹⁰ *	SM12K04ER-12KDR-SN ¹⁰ *	-
SMSTS03MR-STSMR-PH ¹⁰ *	SMSTS03FR-STSFR-SH ¹⁰ *	-	-	-
-	-	SMSKS04ER-SKSER-SS ¹⁰ *	SMSKS04ER-SKSDR-SS ¹⁰ *	-
SMSTS03MR-STSMR-PN ¹⁰ *	SMSTS03FR-STSFR-SN ¹⁰ *	SMSKS04ER-SKSER-SN ¹⁰ *	SMSKS04ER-SKSDR-SN ¹⁰ *	-

Number of Contacts		4 (3+PE)			
Coding		K			
Rated Voltage (AC/DC)		630V			
Nominal current		16A			
Pin Assignment		MPronto-12 (M/M)		Female Power / Male Ground	
MM : Male Connector Male Contact FF : Female Connector Female Contact PE⁽¹⁾ : Male Ground PE⁽²⁾ : Female Ground					
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly					
10 Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE ⁽¹⁾ , (E) MM+PE ⁽²⁾					
K code MM  FF  M code MM  FF  MF 	All Plastic	UL20234, PUR Jacket	-	MSKP04 DL -SK PDL -SS 10 *	
			UL20549, High Flex / Bending PUR	-	MSKP04 DL -SK PDL -SN 10 *
		Metal Nut	UL20234, PUR Jacket	M12K04EL-SKPEL-PS 10 *	M12K04 DL -12K DL -SS 10 *
			UL20549, High Flex / Bending PUR	M12K04EL-SKPEL-PN 10 *	M12K04 DL -12K DL -SN 10 *
		Shielded	UL20234, PUR Jacket	MSKS04EL-SKSEL-PS 10 *	MSKS04 DL -SK S DL-SS 10 *
			UL20549, High Flex / Bending PUR	MSKS04EL-SKSEL-PN 10 *	MSKS04 DL -SK S DL-SN 10 *
		Stainless	UL20234, PUR Jacket	SM12K04EL-SKPEL-PS 10 *	SM12K04 DL -12K DL -SS 10 *
			UL20549, High Flex / Bending PUR	SM12K04EL-SKPEL-PN 10 *	SM12K04 DL -12K DL -SN 10 *
		Stainless	UL20234, PUR Jacket	SMSKS04EL-SKSEL-PS 10 *	SMSKS04 DL -SK S DL-SS 10 *
		Shielded	UL20549, High Flex / Bending PUR	SMSKS04EL-SKSEL-PN 10 *	SMSKS04 DL -SK S DL-SN 10 *
	STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly				
	10 Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE ⁽¹⁾ , (E) MM+PE ⁽²⁾				
K code MM  FF  M code MM  FF  MF 	All Plastic	UL20234, PUR Jacket	-	MSKP04 DL -SK PDR -SS 10 *	
			UL20549, High Flex / Bending PUR	-	MSKP04 DL -SK PDR -SN 10 *
		Metal Nut	UL20234, PUR Jacket	M12K04EL-12KER-PS 10 *	M12K04 DL -12K D R-SS 10 *
			UL20549, High Flex / Bending PUR	M12K04EL-SKPER-PN 10 *	M12K04 DL -12K D R-SN 10 *
		Shielded	UL20234, PUR Jacket	MSKS04EL-SKSER-PS 10 *	MSKS04 DL -SK S DR-SS 10 *
			UL20549, High Flex / Bending PUR	MSKS04EL-SKSER-PN 10 *	MSKS04 DL -SK S DR-SN 10 *
		Stainless	UL20234, PUR Jacket	SM12K04EL-12KER-PS 10 *	SM12K04 DL -12K D R-SS 10 *
			UL20549, High Flex / Bending PUR	SM12K04EL-SKPER-PN 10 *	SM12K04 DL -12K D R-SN 10 *
		Stainless	UL20234, PUR Jacket	SMSKS04EL-SKSER-PS 10 *	SMSKS04 DL -SK S DR-SS 10 *
		Shielded	UL20549, High Flex / Bending PUR	SMSKS04EL-SKSER-PN 10 *	SMSKS04 DL -SK S DR-SN 10 *
	RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly				
	10 Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE ⁽¹⁾ , (E) MM+PE ⁽²⁾				
K code MM  FF  M code MM  FF 	All Plastic	UL20234, PUR Jacket	-	MSKP04 DR -SK PDR -SS 10 *	
			UL20549, High Flex / Bending PUR	-	MSKP04 DR -SK PDR -SN 10 *
		Metal Nut	UL20234, PUR Jacket	M12K04ER-12KER-PS 10 *	M12K04 DR -12K D R-SS 10 *
			UL20549, High Flex / Bending PUR	M12K04ER-SKPER-PN 10 *	M12K04 DR -12K D R-SN 10 *
		Shielded	UL20234, PUR Jacket	MSKS04ER-SKSER-PS 10 *	MSKS04 DR -SK S DR-SS 10 *
			UL20549, High Flex / Bending PUR	MSKS04ER-SKSER-PN 10 *	MSKS04 DR -SK S DR-SN 10 *
		Stainless	UL20234, PUR Jacket	SM12K04ER-SKPER-PS 10 *	SM12K04 DR -12K D R-SS 10 *
			UL20549, High Flex / Bending PUR	SM12K04ER-SKPER-PN 10 *	SM12K04 DR -12K D R-SN 10 *
		Stainless	UL20234, PUR Jacket	SMSKS04ER-SKSER-PS 10 *	SMSKS04 DR -SK S DR-SS 10 *
		Shielded	UL20549, High Flex / Bending PUR	SMSKS04ER-SKSER-PN 10 *	SMSKS04 DR -SK S DR-SN 10 *

* Upon Request

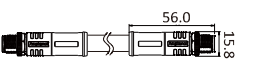
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (3+PE)				
M				
630V				
8A				
Male Power / Female Ground	MF	FM	MPronto-12 (M/M)	Female Power / Male Ground
				
MSMP04EL-SMPEL-SS ¹⁰ *	MSMP04EL-SMPDL-SS ¹⁰ *	-	-	MSMP04DL-SMPDL-SS ¹⁰ *
MSMP04EL-SMPEL-SN ¹⁰ *	MSMP04EL-SMPDL-SN ¹⁰ *	-	-	MSMP04DL-SMPDL-SN ¹⁰ *
M12M04EL-12MEL-SS ¹⁰ *	M12M04EL-12MDL-SS ¹⁰ *	-	M12M04EL-SMPEL-PS ¹⁰ *	M12M04DL-12MDL-SS ¹⁰ *
M12M04EL-12MEL-SN ¹⁰ *	M12M04EL-12MDL-SN ¹⁰ *	-	M12M04EL-SMPEL-PN ¹⁰ *	M12M04DL-12MDL-SN ¹⁰ *
MSMS04EL-SMSEL-SS ¹⁰ *	MSMS04EL-SMSDL-SS ¹⁰ *	-	MSMS04EL-SMSEL-PS ¹⁰ *	MSMS04DL-SMSDL-SS ¹⁰ *
MSMS04EL-SMSEL-SN ¹⁰ *	MSMS04EL-SMSDL-SN ¹⁰ *	-	MSMS04EL-SMSEL-PN ¹⁰ *	MSMS04DL-SMSDL-SN ¹⁰ *
SM12M04EL-12MEL-SS ¹⁰ *	SM12M04EL-12MDL-SS ¹⁰ *	-	SM12M04EL-SMPEL-PS ¹⁰ *	SM12M04DL-12MDL-SS ¹⁰ *
SM12M04EL-12MEL-SN ¹⁰ *	SM12M04EL-12MDL-SN ¹⁰ *	-	SM12M04EL-SMPEL-PN ¹⁰ *	SM12M04DL-12MDL-SN ¹⁰ *
SMSMS04EL-SMSEL-SS ¹⁰ *	SMSMS04EL-SMSDL-SS ¹⁰ *	-	SMSMS04EL-SMSEL-PS ¹⁰ *	SMSMS04DL-SMSDL-SS ¹⁰ *
SMSMS04EL-SMSEL-SN ¹⁰ *	SMSMS04EL-SMSDL-SN ¹⁰ *	-	SMSMS04EL-SMSEL-PN ¹⁰ *	SMSMS04DL-SMSDL-SN ¹⁰ *
MSMP04EL-SMPER-SS ¹⁰ *	MSMP04EL-SMPDR-SS ¹⁰ *	MSMP04DL-SMPER-SS ¹⁰ *	-	MSMP04DL-SMPDR-SS ¹⁰ *
MSMP04EL-SMPER-SN ¹⁰ *	MSMP04EL-SMPDR-SN ¹⁰ *	MSMP04DL-SMPER-SN ¹⁰ *	-	MSMP04DL-SMPDR-SN ¹⁰ *
M12M04EL-12MER-SS ¹⁰ *	M12M04EL-12MDR-SS ¹⁰ *	M12M04DL-12MER-SS ¹⁰ *	M12M04EL-12MER-PS ¹⁰ *	M12M04DL-12MDR-SS ¹⁰ *
M12M04EL-12MER-SN ¹⁰ *	M12M04EL-12MDR-SN ¹⁰ *	M12M04DL-12MER-SN ¹⁰ *	M12M04EL-SMPER-PN ¹⁰ *	M12M04DL-12MDR-SN ¹⁰ *
M12M04EL-12MER-SS ¹⁰ *	MSMS04EL-SMSDR-SS ¹⁰ *	MSMS04DL-SMSER-SS ¹⁰ *	M12M04EL-12MER-PS ¹⁰ *	M12M04DL-12MDR-SS ¹⁰ *
MSMS04EL-SMSER-SN ¹⁰ *	MSMS04EL-SMSDR-SN ¹⁰ *	MSMS04DL-SMSER-SN ¹⁰ *	MSMS04EL-SMSER-PN ¹⁰ *	MSMS04DL-SMSDR-SN ¹⁰ *
SM12M04EL-12MER-SS ¹⁰ *	SM12M04EL-12MDR-SS ¹⁰ *	SM12M04DL-12MER-SS ¹⁰ *	SM12M04EL-12MER-PS ¹⁰ *	SM12M04DL-12MDR-SS ¹⁰ *
SM12M04EL-12MER-SN ¹⁰ *	SM12M04EL-12MDR-SN ¹⁰ *	SM12M04DL-12MER-SN ¹⁰ *	SM12M04EL-SMPER-PN ¹⁰ *	SM12M04DL-12MDR-SN ¹⁰ *
SMSMS04EL-SMSER-SS ¹⁰ *	SMSMS04EL-SMSDR-SS ¹⁰ *	SMSMS04DL-SMSER-SS ¹⁰ *	SMSMS04EL-SMSER-PS ¹⁰ *	SMSMS04DL-SMSDR-SS ¹⁰ *
SMSMS04EL-SMSER-SN ¹⁰ *	SMSMS04EL-SMSDR-SN ¹⁰ *	SMSMS04DL-SMSER-SN ¹⁰ *	SMSMS04EL-SMSER-PN ¹⁰ *	SMSMS04DL-SMSDR-SN ¹⁰ *
MSMP04ER-SMPER-SS ¹⁰ *	MSMP04ER-SMPDR-SS ¹⁰ *	-	-	MSMP04DR-SMPDR-SS ¹⁰ *
MSMP04ER-SMPER-SN ¹⁰ *	MSMP04ER-SMPDR-SN ¹⁰ *	-	-	MSMP04DR-SMPDR-SN ¹⁰ *
M12M04ER-12MER-SS ¹⁰ *	M12M04ER-12MDR-SS ¹⁰ *	-	M12M04ER-12MER-PS ¹⁰ *	M12M04DR-12MDR-SS ¹⁰ *
M12M04ER-12MER-SN ¹⁰ *	M12M04ER-12MDR-SN ¹⁰ *	-	M12M04ER-SMPER-PN ¹⁰ *	M12M04DR-12MDR-SN ¹⁰ *
MSMS04ER-SMSER-SS ¹⁰ *	MSMS04ER-SMSDR-SS ¹⁰ *	-	MSMS04ER-SMSER-PS ¹⁰ *	MSMS04DR-SMSDR-SS ¹⁰ *
MSMS04ER-SMSER-SN ¹⁰ *	MSMS04ER-SMSDR-SN ¹⁰ *	-	MSMS04ER-SMSER-PN ¹⁰ *	MSMS04DR-SMSDR-SN ¹⁰ *
SM12M04ER-12MER-SS ¹⁰ *	SM12M04ER-12MDR-SS ¹⁰ *	-	SM12M04ER-SMPER-PS ¹⁰ *	SM12M04DR-12MDR-SS ¹⁰ *
SM12M04ER-12MER-SN ¹⁰ *	SM12M04ER-12MDR-SN ¹⁰ *	-	SM12M04ER-SMPER-PN ¹⁰ *	SM12M04DR-12MDR-SN ¹⁰ *
SMSMS04ER-SMSER-SS ¹⁰ *	SMSMS04ER-SMSDR-SS ¹⁰ *	-	SMSMS04ER-SMSER-PS ¹⁰ *	SMSMS04DR-SMSDR-SS ¹⁰ *
SMSMS04ER-SMSER-SN ¹⁰ *	SMSMS04ER-SMSDR-SN ¹⁰ *	-	SMSMS04ER-SMSER-PN ¹⁰ *	SMSMS04DR-SMSDR-SN ¹⁰ *

Number of Contacts	4	
Coding	L	
Rated Voltage (AC/DC)	63V	
Nominal current	16A	
Pin Assignment	MM	MF
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground		





STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

MM		All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLP04ML-SLPML-SH ⑩* MSLP04ML-SLPML-SN ⑩*	MSLP04ML-SLPFL-SH ⑩* MSLP04ML-SLPFL-SN ⑩*
		Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	M12L04ML-12LML-SH ⑩* M12L04ML-12LML-SN ⑩*	M12L04ML-12LFL-SH ⑩* M12L04ML-12LFL-SN ⑩*
FF		Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLS04ML-SLSML-SH ⑩* MSLS04ML-SLSML-SN ⑩*	MSLS04ML-SLSFL-SH ⑩* MSLS04ML-SLSFL-SN ⑩*
		Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	SM12L04ML-12LML-SH ⑩* SM12L04ML-12LML-SN ⑩*	SM12L04ML-12LFL-SH ⑩* SM12L04ML-12LFL-SN ⑩*
MF		Stainless	UL20233, PUR Jacket	SMSLS04ML-SLSML-SH ⑩* SMSLS04ML-SLSML-SN ⑩*	SMSLS04ML-SLSFL-SH ⑩* SMSLS04ML-SLSFL-SN ⑩*
		Shielded	UL20549, High Flex / Bending PUR	SMSLS04ML-SLSML-SH ⑩* SMSLS04ML-SLSML-SN ⑩*	SMSLS04ML-SLSFL-SH ⑩* SMSLS04ML-SLSFL-SN ⑩*

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

MM		FF		All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLP04ML-SLPMR-SH ⑩* MSLP04ML-SLPMR-SN ⑩*	MSLP04ML-SLPFR-SH ⑩* MSLP04ML-SLPFR-SN ⑩*
				Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	M12L04ML-12LMR-SH ⑩* M12L04ML-12LMR-SN ⑩*	M12L04ML-12LFR-SH ⑩* M12L04ML-12LFR-SN ⑩*
MF		FM		Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLS04ML-SLSMR-SH ⑩* MSLS04ML-SLSMR-SN ⑩*	MSLS04ML-SLSFR-SH ⑩* MSLS04ML-SLSFR-SN ⑩*
				Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	SM12L04ML-12LMR-SH ⑩* SM12L04ML-12LMR-SN ⑩*	SM12L04ML-12LFR-SH ⑩* SM12L04ML-12LFR-SN ⑩*
MF		FM		Stainless	UL20233, PUR Jacket	SMSLS04ML-SLSMR-SH ⑩* SMSLS04ML-SLSMR-SN ⑩*	SMSLS04ML-SLSFR-SH ⑩* SMSLS04ML-SLSFR-SN ⑩*
				Shielded	UL20549, High Flex / Bending PUR	SMSLS04ML-SLSMR-SH ⑩* SMSLS04ML-SLSMR-SN ⑩*	SMSLS04ML-SLSFR-SH ⑩* SMSLS04ML-SLSFR-SN ⑩*



RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

MM		FF		All Plastic	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLP04MR-SLPMR-SH ⑩* MSLP04MR-SLPMR-SN ⑩*	MSLP04MR-SLPFR-SH ⑩* MSLP04MR-SLPFR-SN ⑩*
				Metal Nut	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	M12L04MR-12LMR-SH ⑩* M12L04MR-12LMR-SN ⑩*	M12L04MR-12LFR-SH ⑩* M12L04MR-12LFR-SN ⑩*
FF		FM		Shielded	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	MSLS04MR-SLSMR-SH ⑩* MSLS04MR-SLSMR-SN ⑩*	MSLS04MR-SLSFR-SH ⑩* MSLS04MR-SLSFR-SN ⑩*
				Stainless	UL20233, PUR Jacket UL20549, High Flex / Bending PUR	SM12L04MR-12LMR-SH ⑩* SM12L04MR-12LMR-SN ⑩*	SM12L04MR-12LFR-SH ⑩* SM12L04MR-12LFR-SN ⑩*
MF		FM		Stainless	UL20233, PUR Jacket	SMSLS04MR-SLSMR-SH ⑩* SMSLS04MR-SLSMR-SN ⑩*	SMSLS04MR-SLSFR-SH ⑩* SMSLS04MR-SLSFR-SN ⑩*
				Shielded	UL20549, High Flex / Bending PUR	SMSLS04MR-SLSMR-SH ⑩* SMSLS04MR-SLSMR-SN ⑩*	SMSLS04MR-SLSFR-SH ⑩* SMSLS04MR-SLSFR-SN ⑩*

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4			4 (3+FE)	
L			L	
63V			63V	
16A			16A	
FM	MPronto-12 (M/M)	FF	Male Power / Female Ground	MF
				
-	-	MSLP04FL-SLPFL-SH ¹⁰ *	MSLP04EL-SLPEL-SH ¹⁰ *	MSLP04EL-SLPDL-SH ¹⁰ *
-	-	MSLP04FL-SLPFL-SN ¹⁰ *	MSLP04EL-SLPEL-SN ¹⁰ *	MSLP04EL-SLPDL-SN ¹⁰ *
-	M12L04ML-12LML-PH ¹⁰ *	M12L04FL-12LFL-SH ¹⁰ *	M12L04EL-12LEL-SH ¹⁰ *	M12L04EL-12LDL-SH ¹⁰ *
-	M12L04ML-SLPML-PN ¹⁰ *	M12L04FL-12LFL-SN ¹⁰ *	M12L04EL-12LEL-SN ¹⁰ *	M12L04EL-12LDL-SN ¹⁰ *
-	MLSL04ML-SLSML-PH ¹⁰ *	MLSL04FL-SLSFL-SH ¹⁰ *	MLSL04EL-SLSEL-SH ¹⁰ *	MLSL04EL-SLSDL-SH ¹⁰ *
-	MLSL04ML-SLSML-PN ¹⁰ *	MLSL04FL-SLSFL-SN ¹⁰ *	MLSL04EL-SLSEL-SN ¹⁰ *	MLSL04EL-SLSDL-SN ¹⁰ *
-	SM12L04ML-12LML-PH ¹⁰ *	SM12L04FL-12LFL-SH ¹⁰ *	SM12L04EL-12LEL-SH ¹⁰ *	SM12L04EL-12LDL-SH ¹⁰ *
-	SM12L04ML-SLPML-P ¹⁰ *	SM12L04FL-12LFL-SN ¹⁰ *	SM12L04EL-12LEL-SN ¹⁰ *	SM12L04EL-12LDL-SN ¹⁰ *
-	SMSLS04ML-SLSML-PH ¹⁰ *	SMSLS04FL-SLSFL-SH ¹⁰ *	SMSLS04EL-SLSEL-SH ¹⁰ *	SMSLS04EL-SLSDL-SH ¹⁰ *
-	SMSLS04ML-SLSML-PN ¹⁰ *	SMSLS04FL-SLSFL-SN ¹⁰ *	SMSLS04EL-SLSEL-SN ¹⁰ *	SMSLS04EL-SLSDL-SN ¹⁰ *
MSLP04FL-SLPMR-SH ¹⁰ *	-	MSLP04FL-SLPFR-SH ¹⁰ *	MSLP04EL-SLPER-SH ¹⁰ *	MSLP04EL-SLPDR-SH ¹⁰ *
MSLP04FL-SLPMR-SN ¹⁰ *	-	MSLP04FL-SLPFR-SN ¹⁰ *	MSLP04EL-SLPER-SN ¹⁰ *	MSLP04EL-SLPDR-SN ¹⁰ *
M12L04FL-12LMR-SH ¹⁰ *	M12L04ML-12LMR-PH ¹⁰ *	M12L04FL-12LFR-SH ¹⁰ *	M12L04EL-12LER-SH ¹⁰ *	M12L04EL-12LDR-SH ¹⁰ *
M12L04FL-12LMR-SN ¹⁰ *	M12L04ML-SLPMR-PN ¹⁰ *	M12L04FL-12LFR-SN ¹⁰ *	M12L04EL-12LER-SN ¹⁰ *	M12L04EL-12LDR-SN ¹⁰ *
MLSL04FL-SLSMR-SH ¹⁰ *	MLSL04ML-SLSMR-PH ¹⁰ *	MLSL04FL-SLSFR-SH ¹⁰ *	MLSL04EL-SLSER-SH ¹⁰ *	MLSL04EL-SLSDR-SH ¹⁰ *
MLSL04FL-SLSMR-SN ¹⁰ *	MLSL04ML-SLSMR-PN ¹⁰ *	MLSL04FL-SLSFR-SN ¹⁰ *	MLSL04EL-SLSER-SN ¹⁰ *	MLSL04EL-SLSDR-SN ¹⁰ *
SM12L04FL-12LMR-SH ¹⁰ *	SM12L04ML-12LMR-PH ¹⁰ *	SM12L04FL-12LFR-SH ¹⁰ *	SM12L04EL-12LER-SH ¹⁰ *	SM12L04EL-12LDR-SH ¹⁰ *
SM12L04FL-12LMR-SN ¹⁰ *	SM12L04ML-SLPMR-PN ¹⁰ *	SM12L04FL-12LFR-SN ¹⁰ *	SM12L04EL-12LER-SN ¹⁰ *	SM12L04EL-12LDR-SN ¹⁰ *
SMSLS04FL-SLSMR-SH ¹⁰ *	SMSLS04ML-SLSMR-PH ¹⁰ *	SMSLS04FL-SLSFR-SH ¹⁰ *	SMSLS04EL-SLSER-SH ¹⁰ *	SMSLS04EL-SLSDR-SH ¹⁰ *
SMSLS04FL-SLSMR-SN ¹⁰ *	SMSLS04ML-SLSMR-PN ¹⁰ *	SMSLS04FL-SLSFR-SN ¹⁰ *	SMSLS04EL-SLSER-SN ¹⁰ *	SMSLS04EL-SLSDR-SN ¹⁰ *
-	-	MSLP04FR-SLPFR-SH ¹⁰ *	MSLP04ER-SLPER-SH ¹⁰ *	MSLP04ER-SLPDR-SH ¹⁰ *
-	-	MSLP04FR-SLPFR-SN ¹⁰ *	MSLP04ER-SLPER-SN ¹⁰ *	MSLP04ER-SLPDR-SN ¹⁰ *
-	M12L04MR-12LMR-PH ¹⁰ *	M12L04FR-12LFR-SH ¹⁰ *	M12L04ER-12LER-SH ¹⁰ *	M12L04ER-12LDR-SH ¹⁰ *
-	M12L04MR-SLPMR-PN ¹⁰ *	M12L04FR-12LFR-SN ¹⁰ *	M12L04ER-12LER-SN ¹⁰ *	M12L04ER-12LDR-SN ¹⁰ *
-	MLSL04MR-SLSMR-PH ¹⁰ *	MLSL04FR-SLSFR-SH ¹⁰ *	MLSL04ER-SLSER-SH ¹⁰ *	MLSL04ER-SLSDR-SH ¹⁰ *
-	MLSL04MR-SLSMR-PN ¹⁰ *	MLSL04FR-SLSFR-SN ¹⁰ *	MLSL04ER-SLSER-SN ¹⁰ *	MLSL04ER-SLSDR-SN ¹⁰ *
-	SM12L04MR-12LMR-PH ¹⁰ *	SM12L04FR-12LFR-SH ¹⁰ *	SM12L04ER-12LER-SH ¹⁰ *	SM12L04ER-12LDR-SH ¹⁰ *
-	SM12L04MR-SLPMR-PN ¹⁰ *	SM12L04FR-12LFR-SN ¹⁰ *	SM12L04ER-12LER-SN ¹⁰ *	SM12L04ER-12LDR-SN ¹⁰ *
-	SMSLS04MR-SLSMR-PH ¹⁰ *	SMSLS04FR-SLSFR-SH ¹⁰ *	SMSLS04ER-SLSER-SH ¹⁰ *	SMSLS04ER-SLSDR-SH ¹⁰ *
-	SMSLS04MR-SLSMR-PN ¹⁰ *	SMSLS04FR-SLSFR-SN ¹⁰ *	SMSLS04ER-SLSER-SN ¹⁰ *	SMSLS04ER-SLSDR-SN ¹⁰ *

Number of Contacts	4 (3+FE)
Coding	L
Rated Voltage (AC/DC)	63V
Nominal current	16A
Pin Assignment	FM MPronto-12 (M/M)
MM : Male Connector Male Contact FF : Female Connector Female Contact PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground	

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly
 ⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	M12L04EL-12LEL-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	M12L04EL-SLPEL-PN ⑩ *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	MLSL04EL-SLSEL-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	MLSL04EL-SLSEL-PN ⑩ *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	SM12L04EL-12LEL-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	SM12L04EL-SLPEL-PN ⑩ *
Stainless Shielded	UL2586, PVC Jacket	-	-	
	UL20233, PUR Jacket	-	SMSLS04EL-SLSEL-PH ⑩ *	
	UL20549, High Flex / Bending PUR	-	SMSLS04EL-SLSEL-PN ⑩ *	

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 ⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾



	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	MSLP04DL-SLPER-SH ⑩ *	-
		UL20549, High Flex / Bending PUR	MSLP04DL-SLPER-SN ⑩ *	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	M12L04DL-12LER-SH ⑩ *	M12L04EL-12LER-PH ⑩ *
		UL20549, High Flex / Bending PUR	M12L04DL-12LER-SN ⑩ *	M12L04EL-SLPER-PN ⑩ *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	MSLS04DL-SLSER-SH ⑩ *	MSLS04EL-SLSER-PH ⑩ *
		UL20549, High Flex / Bending PUR	MSLS04DL-SLSER-SN ⑩ *	MSLS04EL-SLSER-PN ⑩ *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	SM12L04DL-12LER-SH ⑩ *	SM12L04EL-12LER-PH ⑩ *
		UL20549, High Flex / Bending PUR	SM12L04DL-12LER-SN ⑩ *	SM12L04EL-SLPER-PN ⑩ *
Stainless Shielded	UL2586, PVC Jacket	-	-	
	UL20233, PUR Jacket	SMSLS04DL-SLSER-SH ⑩ *	SMSLS04EL-SLSER-PH ⑩ *	
	UL20549, High Flex / Bending PUR	SMSLS04DL-SLSER-SN ⑩ *	SMSLS04EL-SLSER-PN ⑩ *	



RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly
 ⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF, **(D)** FF+PE⁽¹⁾, **(E)** MM+PE⁽²⁾

	All Plastic	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	-
		UL20549, High Flex / Bending PUR	-	-
	Metal Nut	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	M12L04ER-12LER-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	M12L04ER-SLPER-PN ⑩ *
	Shielded	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	MLSL04ER-SLSER-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	MLSL04ER-SLSER-PN ⑩ *
	Stainless	UL2586, PVC Jacket	-	-
		UL20233, PUR Jacket	-	SM12L04ER-12LER-PH ⑩ *
		UL20549, High Flex / Bending PUR	-	SM12L04ER-SLPER-PN ⑩ *
Stainless Shielded	UL2586, PVC Jacket	-	-	
	UL20233, PUR Jacket	-	SMSLS04ER-SLSER-PH ⑩ *	
	UL20549, High Flex / Bending PUR	-	SMSLS04ER-SLSER-PN ⑩ *	

* Upon Request

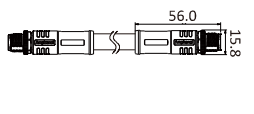
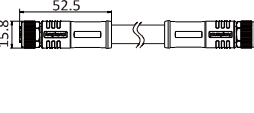
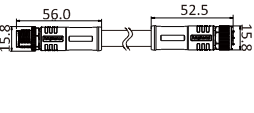
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

4 (3+FE)		4 (3+PE)		
L		S		
63V		630V		
16A		12A		
Female Power / Male Ground	MM	MF	FM	MPronto-12 (M/M)
				
-	MSSP-04ML-SSPML-SG ¹⁰ *	MSSP-04ML-SSPFL-SG ¹⁰ *	-	-
MSLP04DL-SLPDL-SH ¹⁰ *	-	-	-	-
MSLP04DL-SLPDL-SN ¹⁰ *	MSSP-04ML-SSPML-SN ¹⁰ *	MSSP-04ML-SSPFL-SN ¹⁰ *	-	-
-	M12S-04ML-12SML-SG ¹⁰ *	M12S-04ML-12SFL-SG ¹⁰ *	-	M12S04ML-12SML-PG ¹⁰ *
M12L04DL-12LDL-SH ¹⁰ *	-	-	-	-
M12L04DL-12LDL-SN ¹⁰ *	M12S-04ML-12SML-SN ¹⁰ *	M12S-04ML-12SFL-SN ¹⁰ *	-	M12S04ML-SSPML-PN ¹⁰ *
-	MSSS-04ML-SSSML-SG ¹⁰ *	MSSS-04ML-SSSFL-SG ¹⁰ *	-	MSSS04ML-SSSML-PG ¹⁰ *
MSLS04DL-SLSDL-SH ¹⁰ *	-	-	-	-
MSLS04DL-SLSDL-SN ¹⁰ *	MSSS-04ML-SSSML-SN ¹⁰ *	MSSS-04ML-SSSFL-SN ¹⁰ *	-	MSSS04ML-SSSML-PN ¹⁰ *
-	SM12S-04ML-12SML-SG ¹⁰ *	SM12S-04ML-12SFL-SG ¹⁰ *	-	SM12S04ML-12SML-PG ¹⁰ *
SM12L04DL-12LDL-SH ¹⁰ *	-	-	-	-
SM12L04DL-12LDL-SN ¹⁰ *	SM12S-04ML-12SML-SN ¹⁰ *	SM12S-04ML-12SFL-SN ¹⁰ *	-	SM12S04ML-SSPML-PN ¹⁰ *
-	SMSSS-04ML-SSSML-SG ¹⁰ *	SMSSS-04ML-SSSFL-SG ¹⁰ *	-	SMSSS04ML-SSSML-PG ¹⁰ *
SMSLS04DL-SLSDL-SH ¹⁰ *	-	-	-	-
SMSLS04DL-SLSDL-SN ¹⁰ *	SMSSS-04ML-SSSML-SN ¹⁰ *	SMSSS-04ML-SSSFL-SN ¹⁰ *	-	SMSSS04ML-SSSML-PN ¹⁰ *
-	MSSP-04ML-SSPMR-SG ¹⁰ *	MSSP04ML-SSPFR-SG ¹⁰ *	MSSP04FL-SSPMR-SG ¹⁰ *	-
MSLP04DL-SLPDR-SH ¹⁰ *	-	-	-	-
MSLP04DL-SLPDR-SN ¹⁰ *	MSSP-04ML-SSPMR-SN ¹⁰ *	MSSP04ML-SSPFR-SN ¹⁰ *	MSSP04FL-SSPMR-SN ¹⁰ *	-
-	M12S-04ML-12SMR-SG ¹⁰ *	M12S04ML-12SFR-SG ¹⁰ *	M12S04FL-12SMR-SG ¹⁰ *	M12S04ML-12SMR-PG ¹⁰ *
M12L04DL-12LDR-SH ¹⁰ *	-	-	-	-
M12L04DL-12LDR-SN ¹⁰ *	M12S-04ML-12SMR-SN ¹⁰ *	M12S04ML-12SFR-SN ¹⁰ *	M12S04FL-12SMR-SN ¹⁰ *	M12S04ML-SSPMR-PN ¹⁰ *
-	MSSS-04ML-SSSMR-SG ¹⁰ *	MSSS04ML-SSSFR-SG ¹⁰ *	MSSS04FL-SSSMR-SG ¹⁰ *	MSSS04ML-SSSMR-PG ¹⁰ *
MSLS04DL-SLSDR-SH ¹⁰ *	-	-	-	-
MSLS04DL-SLSDR-SN ¹⁰ *	MSSS-04ML-SSSMR-SN ¹⁰ *	MSSS04ML-SSSFR-SN ¹⁰ *	MSSS04FL-SSSMR-SN ¹⁰ *	MSSS04ML-SSSMR-PN ¹⁰ *
-	SM12S-04ML-12SMR-SG ¹⁰ *	SM12S04ML-12SFR-SG ¹⁰ *	SM12S04FL-12SMR-SG ¹⁰ *	SM12S04ML-12SMR-PG ¹⁰ *
SM12L04DL-12LDR-SH ¹⁰ *	-	-	-	-
SM12L04DL-12LDR-SN ¹⁰ *	SM12S-04ML-12SMR-SN ¹⁰ *	SM12S04ML-12SFR-SN ¹⁰ *	SM12S04FL-12SMR-SN ¹⁰ *	SM12S04ML-SSPMR-PN ¹⁰ *
-	SMSSS-04ML-SSSMR-SG ¹⁰ *	SMSSS04ML-SSSFR-SG ¹⁰ *	SMSSS04FL-SSSMR-SG ¹⁰ *	SMSSS04ML-SSSMR-PG ¹⁰ *
SMSLS04DL-SLSDR-SH ¹⁰ *	-	-	-	-
SMSLS04DL-SLSDR-SN ¹⁰ *	SMSSS-04ML-SSSMR-SN ¹⁰ *	SMSSS04ML-SSSFR-SN ¹⁰ *	SMSSS04FL-SSSMR-SN ¹⁰ *	SMSSS04ML-SSSMR-PN ¹⁰ *
-	MSSP-04MR-SSPMR-SG ¹⁰ *	MSSP-04MR-SSPFR-SG ¹⁰ *	-	-
MSLP04DR-SLPDR-SH ¹⁰ *	-	-	-	-
MSLP04DR-SLPDR-SN ¹⁰ *	MSSP-04MR-SSPMR-SN ¹⁰ *	MSSP-04MR-SSPFR-SN ¹⁰ *	-	-
-	M12S-04MR-12SMR-SG ¹⁰ *	M12S-04MR-12SFR-SG ¹⁰ *	-	M12S04MR-12SMR-PG ¹⁰ *
M12L04DR-12LDR-SH ¹⁰ *	-	-	-	-
M12L04DR-12LDR-SN ¹⁰ *	M12S-04MR-12SMR-SN ¹⁰ *	M12S-04MR-12SFR-SN ¹⁰ *	-	M12S04MR-SSPMR-PN ¹⁰ *
-	MSSS-04MR-SSSMR-SG ¹⁰ *	MSSS-04MR-SSSFR-SG ¹⁰ *	-	MSSS04MR-SSSMR-PG ¹⁰ *
MSLS04DR-SLSDR-SH ¹⁰ *	-	-	-	-
MSLS04DR-SLSDR-SN ¹⁰ *	MSSS-04MR-SSSMR-SN ¹⁰ *	MSSS-04MR-SSSFR-SN ¹⁰ *	-	MSSS04MR-SSSMR-PN ¹⁰ *
-	SM12S-04MR-12SMR-SG ¹⁰ *	SM12S-04MR-12SFR-SG ¹⁰ *	-	SM12S04MR-12SMR-PG ¹⁰ *
SM12L04DR-12LDR-SH ¹⁰ *	-	-	-	-
SM12L04DR-12LDR-SN ¹⁰ *	SM12S-04MR-12SMR-SN ¹⁰ *	SM12S-04MR-12SFR-SN ¹⁰ *	-	SM12S04MR-SSPMR-PN ¹⁰ *
-	SMSSS-04MR-SSSMR-SG ¹⁰ *	SMSSS-04MR-SSSFR-SG ¹⁰ *	-	SMSSS04MR-SSSMR-PG ¹⁰ *
SMSLS04DR-SLSDR-SH ¹⁰ *	-	-	-	-
SMSLS04DR-SLSDR-SN ¹⁰ *	SMSSS-04MR-SSSMR-SN ¹⁰ *	SMSSS-04MR-SSSFR-SN ¹⁰ *	-	SMSSS04MR-SSSMR-PN ¹⁰ *

Number of Contacts	4 (3+PE)	4
Coding	S	T
Rated Voltage (AC/DC)	630V	63V
Nominal current	12A	12A
Pin Assignment	FF	MM
MM : Male Connector Male Contact FF : Female Connector Female Contact		

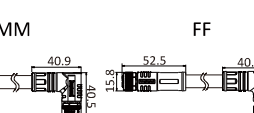

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

  	All Plastic	UL2586, PVC Jacket	MSSP-04FL-SSPFL-SG ⑩*	-	
		UL20233, PUR Jacket	-	MSTP04ML-STPML-SH ⑩*	
		UL20549, High Flex / Bending PUR	MSSP-04FL-SSPFL-SN ⑩*	MSTP04ML-STPML-SN ⑩*	
	Metal Nut	UL2586, PVC Jacket	M12S-04FL-12SFL-SG ⑩*	-	-
		UL20233, PUR Jacket	-	M12T04ML-12TML-SH ⑩*	-
		UL20549, High Flex / Bending PUR	M12S-04FL-12SFL-SN ⑩*	M12T04ML-12TML-SN ⑩*	-
	Shielded	UL2586, PVC Jacket	MSSS-04FL-SSSFL-SG ⑩*	-	-
		UL20233, PUR Jacket	-	MSTS04ML-STSMML-SH ⑩*	-
		UL20549, High Flex / Bending PUR	MSSS-04FL-SSSFL-SN ⑩*	MSTS04ML-STSMML-SN ⑩*	-
	Stainless	UL2586, PVC Jacket	SM12S-04FL-12SFL-SG ⑩*	-	-
		UL20233, PUR Jacket	-	SM12T04ML-12TML-SH ⑩*	-
		UL20549, High Flex / Bending PUR	SM12S-04FL-12SFL-SN ⑩*	SM12T04ML-12TML-SN ⑩*	-
Stainless Shielded	UL2586, PVC Jacket	SMSSS-04FL-SSSFL-SG ⑩*	-	-	
	UL20233, PUR Jacket	-	SMSTS04ML-STSMML-SH ⑩*	-	
	UL20549, High Flex / Bending PUR	SMSSS-04FL-SSSFL-SN ⑩*	SMSTS04ML-STSMML-SN ⑩*	-	

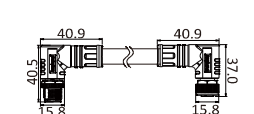
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

 	All Plastic	UL2586, PVC Jacket	MSSP-04FL-SSPFR-SG ⑩*	-	
		UL20233, PUR Jacket	-	MSTP04ML-STPMR-SH ⑩*	
		UL20549, High Flex / Bending PUR	MSSP-04FL-SSPFR-SN ⑩*	MSTP04ML-STPMR-SN ⑩*	
	Metal Nut	UL2586, PVC Jacket	M12S-04FL-12SFR-SG ⑩*	-	-
		UL20233, PUR Jacket	-	M12T04ML-12TMR-SH ⑩*	-
		UL20549, High Flex / Bending PUR	M12S-04FL-12SFR-SN ⑩*	M12T04ML-12TMR-SN ⑩*	-
	Shielded	UL2586, PVC Jacket	MSSS-04FL-SSSFR-SG ⑩*	-	-
		UL20233, PUR Jacket	-	MSTS04ML-STSMR-SH ⑩*	-
		UL20549, High Flex / Bending PUR	MSSS-04FL-SSSFR-SN ⑩*	MSTS04ML-STSMR-SN ⑩*	-
	Stainless	UL2586, PVC Jacket	SM12S-04FL-12SFR-SG ⑩*	-	-
		UL20233, PUR Jacket	-	SM12T04ML-12TMR-SH ⑩*	-
		UL20549, High Flex / Bending PUR	SM12S-04FL-12SFR-SN ⑩*	SM12T04ML-12TMR-SN ⑩*	-
Stainless Shielded	UL2586, PVC Jacket	SMSSS-04FL-SSSFR-SG ⑩*	-	-	
	UL20233, PUR Jacket	-	SMSTS04ML-STSMR-SH ⑩*	-	
	UL20549, High Flex / Bending PUR	SMSSS-04FL-SSSFR-SN ⑩*	SMSTS04ML-STSMR-SN ⑩*	-	


RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly



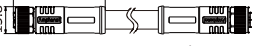
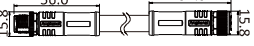
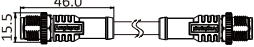

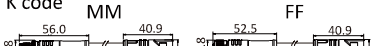

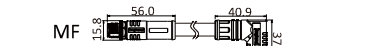




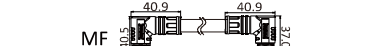


⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: **(M)** MM, **(F)** FF

  	All Plastic	UL2586, PVC Jacket	MSSP-04FR-SSPFR-SG ⑩*	-	
		UL20233, PUR Jacket	-	MSTP04MR-STPMR-SH ⑩*	
		UL20549, High Flex / Bending PUR	MSSP-04FR-SSPFR-SN ⑩*	MSTP04MR-STPMR-SN ⑩*	
	Metal Nut	UL2586, PVC Jacket	M12S-04FR-12SFR-SG ⑩*	-	-
		UL20233, PUR Jacket	-	M12T04MR-12TMR-SH ⑩*	-
		UL20549, High Flex / Bending PUR	M12S-04FR-12SFR-SN ⑩*	M12T04MR-12TMR-SN ⑩*	-
	Shielded	UL2586, PVC Jacket	MSSS-04FR-SSSFR-SG ⑩*	-	-
		UL20233, PUR Jacket	-	MSTS04MR-STSMR-SH ⑩*	-
		UL20549, High Flex / Bending PUR	MSSS-04FR-SSSFR-SN ⑩*	MSTS04MR-STSMR-SN ⑩*	-
	Stainless	UL2586, PVC Jacket	SM12S-04FR-12SFR-SG ⑩*	-	-
		UL20233, PUR Jacket	-	SM12T04MR-12TMR-SH ⑩*	-
		UL20549, High Flex / Bending PUR	SM12S-04FR-12SFR-SN ⑩*	SM12T04MR-12TMR-SN ⑩*	-
Stainless Shielded	UL2586, PVC Jacket	SMSSS-04FR-SSSFR-SG ⑩*	-	-	
	UL20233, PUR Jacket	-	SMSTS04MR-STSMR-SH ⑩*	-	
	UL20549, High Flex / Bending PUR	SMSSS-04FR-SSSFR-SN ⑩*	SMSTS04MR-STSMR-SN ⑩*	-	

* Upon Request



¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths


4			
T			
63V			
12A			
MF	FM	MPronto-12 (M/M)	FF
			
-	-	-	-
MSTP04ML-STPFL-SH ¹⁰ *	-	-	MSTP04FL-STPFL-SH ¹⁰ *
MSTP04ML-STPFL-SN ¹⁰ *	-	-	MSTP04FL-STPFL-SN ¹⁰ *
-	-	-	-
M12T04ML-12TFL-SH ¹⁰ *	-	M12T04ML-12TML-PH ¹⁰ *	M12T04FL-12TFL-SH ¹⁰ *
M12T04ML-12TFL-SN ¹⁰ *	-	M12T04ML-STPML-PN ¹⁰ *	M12T04FL-12TFL-SN ¹⁰ *
-	-	-	-
MSTS04ML-STSF-SH ¹⁰ *	-	MSTS04ML-STSM-PH ¹⁰ *	MSTS04FL-STSF-SH ¹⁰ *
MSTS04ML-STSF-SN ¹⁰ *	-	MSTS04ML-STSM-PN ¹⁰ *	MSTS04FL-STSF-SN ¹⁰ *
-	-	-	-
SM12T04ML-12TFL-SH ¹⁰ *	-	SM12T04ML-12TML-PH ¹⁰ *	SM12T04FL-12TFL-SH ¹⁰ *
SM12T04ML-12TFL-SN ¹⁰ *	-	SM12T04ML-STPML-PN ¹⁰ *	SM12T04FL-12TFL-SN ¹⁰ *
-	-	-	-
SMSTS04ML-STSF-SH ¹⁰ *	-	SMSTS04ML-STSM-PH ¹⁰ *	SMSTS04FL-STSF-SH ¹⁰ *
SMSTS04ML-STSF-SN ¹⁰ *	-	SMSTS04ML-STSM-PN ¹⁰ *	SMSTS04FL-STSF-SN ¹⁰ *
-	-	-	-
MSTP04ML-STPFR-SH ¹⁰ *	MSTP04FL-STPMR-SH ¹⁰ *	-	MSTP04FL-STPFR-SH ¹⁰ *
MSTP04ML-STPFR-SN ¹⁰ *	MSTP04FL-STPMR-SN ¹⁰ *	-	MSTP04FL-STPFR-SN ¹⁰ *
-	-	-	-
M12T04ML-12TFR-SH ¹⁰ *	M12T04FL-12TMR-SH ¹⁰ *	M12T04ML-12TMR-PH ¹⁰ *	M12T04FL-12TFR-SH ¹⁰ *
M12T04ML-12TFR-SN ¹⁰ *	M12T04FL-12TMR-SN ¹⁰ *	M12T04ML-STPMR-PN ¹⁰ *	M12T04FL-12TFR-SN ¹⁰ *
-	-	-	-
MSTS04ML-STSFR-SH ¹⁰ *	MSTS04FL-STSMR-SH ¹⁰ *	MSTS04ML-STSMR-PH ¹⁰ *	MSTS04FL-STSFR-SH ¹⁰ *
MSTS04ML-STSFR-SN ¹⁰ *	MSTS04FL-STSMR-SN ¹⁰ *	MSTS04ML-STSMR-PN ¹⁰ *	MSTS04FL-STSFR-SN ¹⁰ *
-	-	-	-
SM12T04ML-12TFR-SH ¹⁰ *	SM12T04FL-12TMR-SH ¹⁰ *	SM12T04ML-12TMR-PH ¹⁰ *	SM12T04FL-12TFR-SH ¹⁰ *
SM12T04ML-12TFR-SN ¹⁰ *	SM12T04FL-12TMR-SN ¹⁰ *	SM12T04ML-STPMR-PN ¹⁰ *	SM12T04FL-12TFR-SN ¹⁰ *
-	-	-	-
SMSTS04ML-STSFR-SH ¹⁰ *	SMSTS04FL-STSMR-SH ¹⁰ *	SMSTS04ML-STSMR-PH ¹⁰ *	SMSTS04FL-STSFR-SH ¹⁰ *
SMSTS04ML-STSFR-SN ¹⁰ *	SMSTS04FL-STSMR-SN ¹⁰ *	SMSTS04ML-STSMR-PN ¹⁰ *	SMSTS04FL-STSFR-SN ¹⁰ *
-	-	-	-
MSTP04MR-STPFR-SH ¹⁰ *	-	-	MSTP04FR-STPFR-SH ¹⁰ *
MSTP04MR-STPFR-SN ¹⁰ *	-	-	MSTP04FR-STPFR-SN ¹⁰ *
-	-	-	-
M12T04MR-12TFR-SH ¹⁰ *	-	M12T04MR-12TMR-PH ¹⁰ *	M12T04FR-12TFR-SH ¹⁰ *
M12T04MR-12TFR-SN ¹⁰ *	-	M12T04MR-STPMR-PN ¹⁰ *	M12T04FR-12TFR-SN ¹⁰ *
-	-	-	-
MSTS04MR-STSFR-SH ¹⁰ *	-	MSTS04MR-STSMR-PH ¹⁰ *	MSTS04FR-STSFR-SH ¹⁰ *
MSTS04MR-STSFR-SN ¹⁰ *	-	MSTS04MR-STSMR-PN ¹⁰ *	MSTS04FR-STSFR-SN ¹⁰ *
-	-	-	-
SM12T04MR-12TFR-SH ¹⁰ *	-	SM12T04MR-12TMR-PH ¹⁰ *	SM12T04FR-12TFR-SH ¹⁰ *
SM12T04MR-12TFR-SN ¹⁰ *	-	SM12T04MR-STPMR-PN ¹⁰ *	SM12T04FR-12TFR-SN ¹⁰ *
-	-	-	-
SMSTS04MR-STSFR-SH ¹⁰ *	-	SMSTS04MR-STSMR-PH ¹⁰ *	SMSTS04FR-STSFR-SH ¹⁰ *
SMSTS04MR-STSFR-SN ¹⁰ *	-	SMSTS04MR-STSMR-PN ¹⁰ *	SMSTS04FR-STSFR-SN ¹⁰ *

Number of Contacts		5 (4+PE)		
Coding		K		
Rated Voltage (AC/DC)		630V		
Nominal current		16A		
Pin Assignment		MM	MF	
MM : Male Connector Male Contact FF : Female Connector Female Contact PE⁽¹⁾ : Male Ground PE⁽²⁾ : Female Ground				
STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE ⁽¹⁾ , (E) MM+PE ⁽²⁾				
K code MM 	All Plastic	UL20234, PUR Jacket	MSKP05EL-SKPEL-SS 10 *	MSKP05EL-SKPDL-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	MSKP05EL-SKPEL-SN 10 *	MSKP05EL-SKPDL-SN 10 *
FF 	All Plastic	UL20234, PUR Jacket	M12K05EL-12KEL-SS 10 *	M12K05EL-12KDL-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	M12K05EL-12KEL-SN 10 *	M12K05EL-12KDL-SN 10 *
MF 	All Plastic	UL20234, PUR Jacket	MSKS05EL-SKSEL-SS 10 *	MSKS05EL-SKSDL-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	MSKS05EL-SKSEL-SN 10 *	MSKS05EL-SKSDL-SN 10 *
M code MM 	Shielded	UL20234, PUR Jacket	SM12K05EL-12KEL-SS 10 *	SM12K05EL-12KDL-SS 10 *
	Shielded	UL20549, High Flex / Bending PUR	SM12K05EL-12KEL-SN 10 *	SM12K05EL-12KDL-SN 10 *
MF 	Stainless	UL20234, PUR Jacket	SMSKS05EL-SKSEL-SS 10 *	SMSKS05EL-SKSDL-SS 10 *
	Stainless	UL20549, High Flex / Bending PUR	SMSKS05EL-SKSEL-SN 10 *	SMSKS05EL-SKSDL-SN 10 *
STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE ⁽¹⁾ , (E) MM+PE ⁽²⁾				
K code MM 	All Plastic	UL20234, PUR Jacket	MSKP05EL-SKPER-SS 10 *	MSKP05EL-SKPDR-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	MSKP05EL-SKPER-SN 10 *	MSKP05EL-SKPDR-SN 10 *
FF 	All Plastic	UL20234, PUR Jacket	M12K05EL-12KER-SS 10 *	M12K05EL-12KDR-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	M12K05EL-12KER-SN 10 *	M12K05EL-12KDR-SN 10 *
MF 	Shielded	UL20234, PUR Jacket	MSKS05EL-SKSER-SS 10 *	MSKS05EL-SKSDR-SS 10 *
	Shielded	UL20549, High Flex / Bending PUR	MSKS05EL-SKSER-SN 10 *	MSKS05EL-SKSDR-SN 10 *
M code MM 	Stainless	UL20234, PUR Jacket	SM12K05EL-12KER-SS 10 *	SM12K05EL-12KDR-SS 10 *
	Stainless	UL20549, High Flex / Bending PUR	SM12K05EL-12KER-SN 10 *	SM12K05EL-12KDR-SN 10 *
MF 	Stainless	UL20234, PUR Jacket	SMSKS05EL-SKSER-SS 10 *	SMSKS05EL-SKSDR-SS 10 *
	Stainless	UL20549, High Flex / Bending PUR	SMSKS05EL-SKSER-SN 10 *	SMSKS05EL-SKSDR-SN 10 *
RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly Cable Length: (001) 1M ~ (099) 99M ¹⁾ Connector / Contact Gender: (M) MM, (F) FF, (D) FF+PE ⁽¹⁾ , (E) MM+PE ⁽²⁾				
K code MM 	All Plastic	UL20234, PUR Jacket	MSKP05ER-SKPER-SS 10 *	MSKP05ER-SKPDR-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	MSKP05ER-SKPER-SN 10 *	MSKP05ER-SKPDR-SN 10 *
FF 	All Plastic	UL20234, PUR Jacket	M12K05ER-12KER-SS 10 *	M12K05ER-12KDR-SS 10 *
	Metal Nut	UL20549, High Flex / Bending PUR	M12K05ER-12KER-SN 10 *	M12K05ER-12KDR-SN 10 *
MF 	Shielded	UL20234, PUR Jacket	MSKS05ER-SKSER-SS 10 *	MSKS05ER-SKSDR-SS 10 *
	Shielded	UL20549, High Flex / Bending PUR	MSKS05ER-SKSER-SN 10 *	MSKS05ER-SKSDR-SN 10 *
M code MM 	Stainless	UL20234, PUR Jacket	SM12K05ER-12KER-SS 10 *	SM12K05ER-12KDR-SS 10 *
	Stainless	UL20549, High Flex / Bending PUR	SM12K05ER-12KER-SN 10 *	SM12K05ER-12KDR-SN 10 *
MF 	Stainless	UL20234, PUR Jacket	SMSKS05ER-SKSER-SS 10 *	SMSKS05ER-SKSDR-SS 10 *
	Stainless	UL20549, High Flex / Bending PUR	SMSKS05ER-SKSER-SN 10 *	SMSKS05ER-SKSDR-SN 10 *

* Upon Request

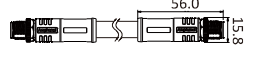
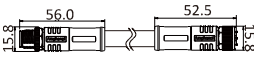
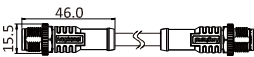
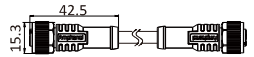
¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5 (4+PE)			5 (4+PE)	
K			M	
630V			630V	
16A			8A	
FM	MPronto-12 (M/M)	FF	Male Power / Female Ground	MF
				
-	-	MSKP05DL-SKPDL-SS ¹⁰ *	MSMP05EL-SMPEL-SS ¹⁰ *	MSMP05EL-SMPDL-SS ¹⁰ *
-	-	MSKP05DL-SKPDL-SN ¹⁰ *	MSMP05EL-SMPEL-SN ¹⁰ *	MSMP05EL-SMPDL-SN ¹⁰ *
-	M12K05EL-SKPEL-PS ¹⁰ *	M12K05DL-12KDL-SS ¹⁰ *	M12M05EL-12MEL-SS ¹⁰ *	M12M05EL-12MDL-SS ¹⁰ *
-	M12K05EL-SKPEL-PN ¹⁰ *	M12K05DL-12KDL-SN ¹⁰ *	M12M05EL-12MEL-SN ¹⁰ *	M12M05EL-12MDL-SN ¹⁰ *
-	MSKS05EL-SKSEL-PS ¹⁰ *	MSKS05DL-SKSDL-SS ¹⁰ *	MSMS05EL-SMSEL-SS ¹⁰ *	MSMS05EL-SMSDL-SS ¹⁰ *
-	MSKS05EL-SKSEL-PN ¹⁰ *	MSKS05DL-SKSDL-SN ¹⁰ *	MSMS05EL-SMSEL-SN ¹⁰ *	MSMS05EL-SMSDL-SN ¹⁰ *
-	SM12K05EL-SKPEL-PS ¹⁰ *	SM12K05DL-12KDL-SS ¹⁰ *	SM12M05EL-12MEL-SS ¹⁰ *	SM12M05EL-12MDL-SS ¹⁰ *
-	SM12K05EL-SKPEL-PN ¹⁰ *	SM12K05DL-12KDL-SN ¹⁰ *	SM12M05EL-12MEL-SN ¹⁰ *	SM12M05EL-12MDL-SN ¹⁰ *
-	SMSKS05EL-SKSEL-PS ¹⁰ *	SMSKS05DL-SKSDL-SS ¹⁰ *	SMSMS05EL-SMSEL-SS ¹⁰ *	SMSMS05EL-SMSDL-SS ¹⁰ *
-	SMSKS05EL-SKSEL-PN ¹⁰ *	SMSKS05DL-SKSDL-SN ¹⁰ *	SMSMS05EL-SMSEL-SN ¹⁰ *	SMSMS05EL-SMSDL-SN ¹⁰ *
MSKP05DL-SKPER-SS ¹⁰ *	-	MSKP05DL-SKPDR-SS ¹⁰ *	MSMP05EL-SMPER-SS ¹⁰ *	MSMP05EL-SMPDR-SS ¹⁰ *
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M12K05DL-12KER-SS ¹⁰ *	M12K05EL-12KER-PS ¹⁰ *	M12K05DL-12KDR-SS ¹⁰ *	M12M05EL-12MER-SS ¹⁰ *	M12M05EL-12MDR-SS ¹⁰ *
M12K05DL-12KER-SN ¹⁰ *	M12K05EL-SKPER-PN ¹⁰ *	M12K05DL-12KDR-SN ¹⁰ *	M12M05EL-12MER-SN ¹⁰ *	M12M05EL-12MDR-SN ¹⁰ *
MSKS05DL-SKSER-SS ¹⁰ *	MSKS05EL-SKSER-PS ¹⁰ *	MSKS05DL-SKSDR-SS ¹⁰ *	M12M05EL-12MER-SS ¹⁰ *	MSMS05EL-SMSDR-SS ¹⁰ *
MSKS05DL-SKSER-SN ¹⁰ *	MSKS05EL-SKSER-PN ¹⁰ *	MSKS05DL-SKSDR-SN ¹⁰ *	MSMS05EL-SMSER-SN ¹⁰ *	MSMS05EL-SMSDR-SN ¹⁰ *
SM12K05DL-12KER-SS ¹⁰ *	SM12K05EL-12KER-PS ¹⁰ *	SM12K05DL-12KDR-SS ¹⁰ *	SM12M05EL-12MER-SS ¹⁰ *	SM12M05EL-12MDR-SS ¹⁰ *
SM12K05DL-12KER-SN ¹⁰ *	SM12K05EL-SKPER-PN ¹⁰ *	SM12K05DL-12KDR-SN ¹⁰ *	SM12M05EL-12MER-SN ¹⁰ *	SM12M05EL-12MDR-SN ¹⁰ *
SMSKS05DL-SKSER-SS ¹⁰ *	SMSKS05EL-SKSER-PS ¹⁰ *	SMSKS05DL-SKSDR-SS ¹⁰ *	SMSMS05EL-SMSER-SS ¹⁰ *	SMSMS05EL-SMSDR-SS ¹⁰ *
SMSKS05DL-SKSER-SN ¹⁰ *	SMSKS05EL-SKSER-PN ¹⁰ *	SMSKS05DL-SKSDR-SN ¹⁰ *	SMSMS05EL-SMSER-SN ¹⁰ *	SMSMS05EL-SMSDR-SN ¹⁰ *
-	-	MSKP05DR-SKPDR-SS ¹⁰ *	MSMP05ER-SMPER-SS ¹⁰ *	MSMP05ER-SMPDR-SS ¹⁰ *
-	-	MSKP05DR-SKPDR-SN ¹⁰ *	MSMP05ER-SMPER-SN ¹⁰ *	MSMP05ER-SMPDR-SN ¹⁰ *
-	M12K05ER-12KER-PS ¹⁰ *	M12K05DR-12KDR-SS ¹⁰ *	M12M05ER-12MER-SS ¹⁰ *	M12M05ER-12MDR-SS ¹⁰ *
-	M12K05ER-SKPER-PN ¹⁰ *	M12K05DR-12KDR-SN ¹⁰ *	M12M05ER-12MER-SN ¹⁰ *	M12M05ER-12MDR-SN ¹⁰ *
-	MSKS05ER-SKSER-PS ¹⁰ *	MSKS05DR-SKSDR-SS ¹⁰ *	MSMS05ER-SMSER-SS ¹⁰ *	MSMS05ER-SMSDR-SS ¹⁰ *
-	MSKS05ER-SKSER-PN ¹⁰ *	MSKS05DR-SKSDR-SN ¹⁰ *	MSMS05ER-SMSER-SN ¹⁰ *	MSMS05ER-SMSDR-SN ¹⁰ *
-	SM12K05ER-SKPER-PS ¹⁰ *	SM12K05DR-12KDR-SS ¹⁰ *	SM12M05ER-12MER-SS ¹⁰ *	SM12M05ER-12MDR-SS ¹⁰ *
-	SM12K05ER-SKPER-PN ¹⁰ *	SM12K05DR-12KDR-SN ¹⁰ *	SM12M05ER-12MER-SN ¹⁰ *	SM12M05ER-12MDR-SN ¹⁰ *
-	SMSKS05ER-SKSER-PS ¹⁰ *	SMSKS05DR-SKSDR-SS ¹⁰ *	SMSMS05ER-SMSER-SS ¹⁰ *	SMSMS05ER-SMSDR-SS ¹⁰ *
-	SMSKS05ER-SKSER-PN ¹⁰ *	SMSKS05DR-SKSDR-SN ¹⁰ *	SMSMS05ER-SMSER-SN ¹⁰ *	SMSMS05ER-SMSDR-SN ¹⁰ *

Number of Contacts	5 (4+PE)	
Coding	M	
Rated Voltage (AC/DC)	630V	
Nominal current	8A	
Pin Assignment	FM	MPronto-12 (M/M)
PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

<p>L code</p> <p>MM </p> <p>MF </p> <p>M code</p> <p>MM </p> <p>FF </p>	All Plastic	UL20233, PUR Jacket	-	-	
			UL20234, PUR Jacket	-	-
			UL20549, High Flex / Bending PUR	-	-
	Metal Nut		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	-	M12M05EL-SMPEL-PS ⑩ *
			UL20549, High Flex / Bending PUR	-	M12M05EL-SMPEL-PN ⑩ *
	Shielded		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	-	MSMS05EL-SMSEL-PS ⑩ *
			UL20549, High Flex / Bending PUR	-	MSMS05EL-SMSEL-PN ⑩ *
	Stainless		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	-	SM12M05EL-SMPEL-PS ⑩ *
			UL20549, High Flex / Bending PUR	-	SM12M05EL-SMPEL-PN ⑩ *
Stainless Shielded		UL20233, PUR Jacket	-	-	
		UL20234, PUR Jacket	-	SMSMS05EL-SMSEL-PS ⑩ *	
		UL20549, High Flex / Bending PUR	-	SMSMS05EL-SMSEL-PN ⑩ *	





STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

<p>L code</p> <p>MM  FM </p> <p>MF </p> <p>M code</p> <p>MM  FF </p> <p>FM </p>	All Plastic	UL20233, PUR Jacket	-	-	
			UL20234, PUR Jacket	MSMP05DL-SMPER-SS ⑩ *	-
			UL20549, High Flex / Bending PUR	MSMP05DL-SMPER-SN ⑩ *	-
	Metal Nut		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	M12M05DL-12MER-SS ⑩ *	M12M05EL-12MER-PS ⑩ *
			UL20549, High Flex / Bending PUR	M12M05DL-12MER-SN ⑩ *	M12M05EL-SMPER-PN ⑩ *
	Shielded		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	MSMS05DL-SMSER-SS ⑩ *	M12M05EL-12MER-PS ⑩ *
			UL20549, High Flex / Bending PUR	MSMS05DL-SMSER-SN ⑩ *	MSMS05EL-SMSER-PN ⑩ *
	Stainless		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	SM12M05DL-12MER-SS ⑩ *	SM12M05EL-12MER-PS ⑩ *
			UL20549, High Flex / Bending PUR	SM12M05DL-12MER-SN ⑩ *	SM12M05EL-SMPER-PN ⑩ *
Stainless Shielded		UL20233, PUR Jacket	-	-	
		UL20234, PUR Jacket	SMSMS05DL-SMSER-SS ⑩ *	SMSMS05EL-SMSER-PS ⑩ *	
		UL20549, High Flex / Bending PUR	SMSMS05DL-SMSER-SN ⑩ *	SMSMS05EL-SMSER-PN ⑩ *	



RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

⑩ Cable Length: (001) 1M ~ (099) 99M¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

<p>L code</p> <p>MM  MF </p> <p>M code</p> <p>MM  FF </p>	All Plastic	UL20233, PUR Jacket	-	-	
			UL20234, PUR Jacket	-	-
			UL20549, High Flex / Bending PUR	-	-
	Metal Nut		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	-	M12M05ER-12MER-PS ⑩ *
			UL20549, High Flex / Bending PUR	-	M12M05ER-SMPER-PN ⑩ *
	Shielded		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	-	MSMS05ER-SMSER-PS ⑩ *
			UL20549, High Flex / Bending PUR	-	MSMS05ER-SMSER-PN ⑩ *
	Stainless		UL20233, PUR Jacket	-	-
			UL20234, PUR Jacket	-	SM12M05ER-SMPER-PS ⑩ *
			UL20549, High Flex / Bending PUR	-	SM12M05ER-SMPER-PN ⑩ *
Stainless Shielded		UL20233, PUR Jacket	-	-	
		UL20234, PUR Jacket	-	SMSMS05ER-SMSER-PS ⑩ *	
		UL20549, High Flex / Bending PUR	-	SMSMS05ER-SMSER-PN ⑩ *	

* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

5 (4+PE)		5 (4+FE)		
M		L		
630V		63V		
8A		16A		
Female Power / Male Ground	Male Power / Female Ground	MF	FM	MPronto-12 (M/M)
				
-	MSLP05EL-SLPEL-SH ¹⁰ *	MSLP05EL-SLPDL-SH ¹⁰ *	-	-
MSMP05DL-SMPDL-SS ¹⁰ *	-	-	-	-
MSMP05DL-SMPDL-SN ¹⁰ *	MSLP05EL-SLPEL-SN ¹⁰ *	MSLP05EL-SLPDL-SN ¹⁰ *	-	-
-	M12L05EL-12LEL-SH ¹⁰ *	M12L05EL-12LDL-SH ¹⁰ *	-	M12L05EL-12LEL-PH ¹⁰ *
M12M05DL-12MDL-SS ¹⁰ *	-	-	-	-
M12M05DL-12MDL-SN ¹⁰ *	M12L05EL-12LEL-SN ¹⁰ *	M12L05EL-12LDL-SN ¹⁰ *	-	M12L05EL-SLPEL-PN ¹⁰ *
-	MLSL05EL-SLSEL-SH ¹⁰ *	MLSL05EL-SLSDL-SH ¹⁰ *	-	MLSL05EL-SLSEL-PH ¹⁰ *
MSMS05DL-SMSDL-SS ¹⁰ *	-	-	-	-
MSMS05DL-SMSDL-SN ¹⁰ *	MLSL05EL-SLSEL-SN ¹⁰ *	MLSL05EL-SLSDL-SN ¹⁰ *	-	MLSL05EL-SLSEL-PN ¹⁰ *
-	SM12L05EL-12LEL-SH ¹⁰ *	SM12L05EL-12LDL-SH ¹⁰ *	-	SM12L05EL-12LEL-PH ¹⁰ *
SM12M05DL-12MDL-SS ¹⁰ *	-	-	-	-
SM12M05DL-12MDL-SN ¹⁰ *	SM12L05EL-12LEL-SN ¹⁰ *	SM12L05EL-12LDL-SN ¹⁰ *	-	SM12L05EL-SLPEL-PN ¹⁰ *
-	SMSLS05EL-SLSEL-SH ¹⁰ *	SMSLS05EL-SLSDL-SH ¹⁰ *	-	SMSLS05EL-SLSEL-PH ¹⁰ *
SMSMS05DL-SMSDL-SS ¹⁰ *	-	-	-	-
SMSMS05DL-SMSDL-SN ¹⁰ *	SMSLS05EL-SLSEL-SN ¹⁰ *	SMSLS05EL-SLSDL-SN ¹⁰ *	-	SMSLS05EL-SLSEL-PN ¹⁰ *
-	MSLP05EL-SLPER-SH ¹⁰ *	MSLP05EL-SLPDR-SH ¹⁰ *	MSLP05DL-SLPER-SH ¹⁰ *	-
MSMP05DL-SMPDR-SS ¹⁰ *	-	-	-	-
MSMP05DL-SMPDR-SN ¹⁰ *	MSLP05EL-SLPER-SN ¹⁰ *	MSLP05EL-SLPDR-SN ¹⁰ *	MSLP05DL-SLPER-SN ¹⁰ *	-
-	M12L05EL-12LER-SH ¹⁰ *	M12L05EL-12LDR-SH ¹⁰ *	M12L05DL-12LER-SH ¹⁰ *	M12L05EL-12LER-PH ¹⁰ *
M12M05DL-12MDR-SS ¹⁰ *	-	-	-	-
M12M05DL-12MDR-SN ¹⁰ *	M12L05EL-12LER-SN ¹⁰ *	M12L05EL-12LDR-SN ¹⁰ *	M12L05DL-12LER-SN ¹⁰ *	M12L05EL-SLPER-PN ¹⁰ *
-	MLSL05EL-SLSER-SH ¹⁰ *	MLSL05EL-SLSDR-SH ¹⁰ *	MLSL05DL-SLSER-SH ¹⁰ *	MLSL05EL-SLSER-PH ¹⁰ *
M12M05DL-12MDR-SS ¹⁰ *	-	-	-	-
MSMS05DL-SMSDR-SN ¹⁰ *	MLSL05EL-SLSER-SN ¹⁰ *	MLSL05EL-SLSDR-SN ¹⁰ *	MLSL05DL-SLSER-SN ¹⁰ *	MLSL05EL-SLSER-PN ¹⁰ *
-	SM12L05EL-12LER-SH ¹⁰ *	SM12L05EL-12LDR-SH ¹⁰ *	SM12L05DL-12LER-SH ¹⁰ *	SM12L05EL-12LER-PH ¹⁰ *
SM12M05DL-12MDR-SS ¹⁰ *	-	-	-	-
SM12M05DL-12MDR-SN ¹⁰ *	SM12L05EL-12LER-SN ¹⁰ *	SM12L05EL-12LDR-SN ¹⁰ *	SM12L05DL-12LER-SN ¹⁰ *	SM12L05EL-SLPER-PN ¹⁰ *
-	SMSLS05EL-SLSER-SH ¹⁰ *	SMSLS05EL-SLSDR-SH ¹⁰ *	SMSLS05DL-SLSER-SH ¹⁰ *	SMSLS05EL-SLSER-PH ¹⁰ *
SMSMS05DL-SMSDR-SS ¹⁰ *	-	-	-	-
SMSMS05DL-SMSDR-SN ¹⁰ *	SMSLS05EL-SLSER-SN ¹⁰ *	SMSLS05EL-SLSDR-SN ¹⁰ *	SMSLS05DL-SLSER-SN ¹⁰ *	SMSLS05EL-SLSER-PN ¹⁰ *
-	MSLP05ER-SLPER-SH ¹⁰ *	MSLP05ER-SLPDR-SH ¹⁰ *	-	-
MSMP05DR-SMPDR-SS ¹⁰ *	-	-	-	-
MSMP05DR-SMPDR-SN ¹⁰ *	MSLP05ER-SLPER-SN ¹⁰ *	MSLP05ER-SLPDR-SN ¹⁰ *	-	-
-	M12L05ER-12LER-SH ¹⁰ *	M12L05ER-12LDR-SH ¹⁰ *	-	M12L05ER-12LER-PH ¹⁰ *
M12M05DR-12MDR-SS ¹⁰ *	-	-	-	-
M12M05DR-12MDR-SN ¹⁰ *	M12L05ER-12LER-SN ¹⁰ *	M12L05ER-12LDR-SN ¹⁰ *	-	M12L05ER-SLPER-PN ¹⁰ *
-	MLSL05ER-SLSER-SH ¹⁰ *	MLSL05ER-SLSDR-SH ¹⁰ *	-	MLSL05ER-SLSER-PH ¹⁰ *
MSMS05DR-SMSDR-SS ¹⁰ *	-	-	-	-
MSMS05DR-SMSDR-SN ¹⁰ *	MLSL05ER-SLSER-SN ¹⁰ *	MLSL05ER-SLSDR-SN ¹⁰ *	-	MLSL05ER-SLSER-PN ¹⁰ *
-	SM12L05ER-12LER-SH ¹⁰ *	SM12L05ER-12LDR-SH ¹⁰ *	-	SM12L05ER-12LER-PH ¹⁰ *
SM12M05DR-12MDR-SS ¹⁰ *	-	-	-	-
SM12M05DR-12MDR-SN ¹⁰ *	SM12L05ER-12LER-SN ¹⁰ *	SM12L05ER-12LDR-SN ¹⁰ *	-	SM12L05ER-SLPER-PN ¹⁰ *
-	SMSLS05ER-SLSER-SH ¹⁰ *	SMSLS05ER-SLSDR-SH ¹⁰ *	-	SMSLS05ER-SLSER-PH ¹⁰ *
SMSMS05DR-SMSDR-SS ¹⁰ *	-	-	-	-
SMSMS05DR-SMSDR-SN ¹⁰ *	SMSLS05ER-SLSER-SN ¹⁰ *	SMSLS05ER-SLSDR-SN ¹⁰ *	-	SMSLS05ER-SLSER-PN ¹⁰ *

Number of Contacts	5 (4+FE)	6 (5+PE)
Coding	L	M
Rated Voltage (AC/DC)	63V	630V
Nominal current	16A	8A
Pin Assignment	Female Power / Male Ground	Male Power / Female Ground
PE ⁽¹⁾ : Male Ground PE ⁽²⁾ : Female Ground		

STRAIGHT-TO-STRAIGHT, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

L code M code 	All Plastic	UL20233, PUR Jacket	MSLP05DL-SLPDL-SH 10*	-	
		UL20234, PUR Jacket	-	MSMP06EL-SMPEL-SS 10*	
		UL20549, High Flex / Bending PUR	MSLP05DL-SLPDL-SN 10*	MSMP06EL-SMPEL-SN 10*	
	Metal Nut	UL20233, PUR Jacket	M12L05DL-12LDL-SH 10*	-	-
		UL20234, PUR Jacket	-	M12M06EL-12MEL-SS 10*	-
		UL20549, High Flex / Bending PUR	M12L05DL-12LDL-SN 10*	M12M06EL-12MEL-SN 10*	-
	Shielded	UL20233, PUR Jacket	MSLS05DL-SLSDL-SH 10*	-	-
		UL20234, PUR Jacket	-	MSMS06EL-SMSEL-SS 10*	-
		UL20549, High Flex / Bending PUR	MSLS05DL-SLSDL-SN 10*	MSMS06EL-SMSEL-SN 10*	-
	Stainless	UL20233, PUR Jacket	SM12L05DL-12LDL-SH 10*	-	-
		UL20234, PUR Jacket	-	SM12M06EL-12MEL-SS 10*	-
		UL20549, High Flex / Bending PUR	SM12L05DL-12LDL-SN 10*	SM12M06EL-12MEL-SN 10*	-
Stainless Shielded	UL20233, PUR Jacket	SMSLS05DL-SLSDL-SH 10*	-	-	
	UL20234, PUR Jacket	-	SMSMS06EL-SMSEL-SS 10*	-	
	UL20549, High Flex / Bending PUR	SMSLS05DL-SLSDL-SN 10*	SMSMS06EL-SMSEL-SN 10*	-	

STRAIGHT-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

L code M code 	All Plastic	UL20233, PUR Jacket	MSLP05DL-SLPDR-SH 10*	-	
		UL20234, PUR Jacket	-	MSMP06EL-SMPER-SS 10*	
		UL20549, High Flex / Bending PUR	MSLP05DL-SLPDR-SN 10*	MSMP06EL-SMPER-SN 10*	
	Metal Nut	UL20233, PUR Jacket	M12L05DL-12LDR-SH 10*	-	-
		UL20234, PUR Jacket	-	M12M06EL-12MER-SS 10*	-
		UL20549, High Flex / Bending PUR	M12L05DL-12LDR-SN 10*	M12M06EL-12MER-SN 10*	-
	Shielded	UL20233, PUR Jacket	MSLS05DL-SLSDR-SH 10*	-	-
		UL20234, PUR Jacket	-	M12M06EL-12MER-SS 10*	-
		UL20549, High Flex / Bending PUR	MSLS05DL-SLSDR-SN 10*	MSMS06EL-SMSER-SN 10*	-
	Stainless	UL20233, PUR Jacket	SM12L05DL-12LDR-SH 10*	-	-
		UL20234, PUR Jacket	-	SM12M06EL-12MER-SS 10*	-
		UL20549, High Flex / Bending PUR	SM12L05DL-12LDR-SN 10*	SM12M06EL-12MER-SN 10*	-
Stainless Shielded	UL20233, PUR Jacket	SMSLS05DL-SLSDR-SH 10*	-	-	
	UL20234, PUR Jacket	-	SMSMS06EL-SMSER-SS 10*	-	
	UL20549, High Flex / Bending PUR	SMSLS05DL-SLSDR-SN 10*	SMSMS06EL-SMSER-SN 10*	-	

RIGHT ANGLE-TO-RIGHT ANGLE, Overmolded Double-Ended Cable Assembly

10 Cable Length: (001) 1M ~ (099) 99M⁽¹⁾ | Connector / Contact Gender: (D) FF+PE⁽¹⁾, (E) MM+PE⁽²⁾

L code M code 	All Plastic	UL20233, PUR Jacket	MSLP05DR-SLPDR-SH 10*	-	
		UL20234, PUR Jacket	-	MSMP06ER-SMPER-SS 10*	
		UL20549, High Flex / Bending PUR	MSLP05DR-SLPDR-SN 10*	MSMP06ER-SMPER-SN 10*	
	Metal Nut	UL20233, PUR Jacket	M12L05DR-12LDR-SH 10*	-	-
		UL20234, PUR Jacket	-	M12M06ER-12MER-SS 10*	-
		UL20549, High Flex / Bending PUR	M12L05DR-12LDR-SN 10*	M12M06ER-12MER-SN 10*	-
	Shielded	UL20233, PUR Jacket	MSLS05DR-SLSDR-SH 10*	-	-
		UL20234, PUR Jacket	-	MSMS06ER-SMSER-SS 10*	-
		UL20549, High Flex / Bending PUR	MSLS05DR-SLSDR-SN 10*	MSMS06ER-SMSER-SN 10*	-
	Stainless	UL20233, PUR Jacket	SM12L05DR-12LDR-SH 10*	-	-
		UL20234, PUR Jacket	-	SM12M06ER-12MER-SS 10*	-
		UL20549, High Flex / Bending PUR	SM12L05DR-12LDR-SN 10*	SM12M06ER-12MER-SN 10*	-
Stainless Shielded	UL20233, PUR Jacket	SMSLS05DR-SLSDR-SH 10*	-	-	
	UL20234, PUR Jacket	-	SMSMS06ER-SMSER-SS 10*	-	
	UL20549, High Flex / Bending PUR	SMSLS05DR-SLSDR-SN 10*	SMSMS06ER-SMSER-SN 10*	-	

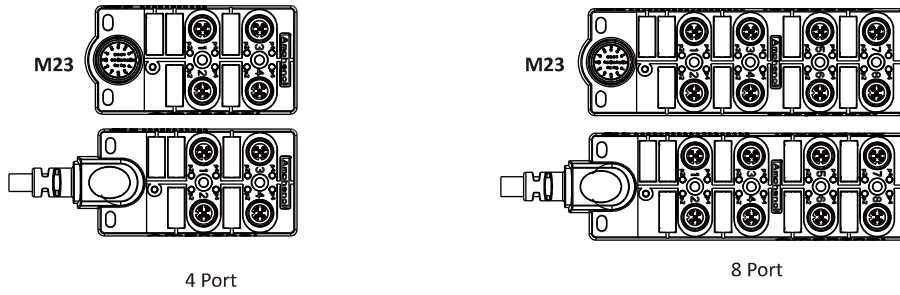
* Upon Request

¹⁾ Standard Lengths: 1M, 2M, 3M, 4M, 5M and 10M. Higher MOQ Might Be Required For Non-Standard Lengths

6 (5+PE)			
M			
630V			
8A			
MF	FM	MPronto-12 (M/M)	Female Power / Male Ground
-	-	-	-
MSMP06EL-SMPDL-SS ¹⁰ *	-	-	MSMP06DL-SMPDL-SS ¹⁰ *
MSMP06EL-SMPDL-SN ¹⁰ *	-	-	MSMP06DL-SMPDL-SN ¹⁰ *
-	-	-	-
M12M06EL-12MDL-SS ¹⁰ *	-	M12M06EL-SMPEL-PS ¹⁰ *	M12M06DL-12MDL-SS ¹⁰ *
M12M06EL-12MDL-SN ¹⁰ *	-	M12M06EL-SMPEL-PN ¹⁰ *	M12M06DL-12MDL-SN ¹⁰ *
-	-	-	-
MSMS06EL-SMSDL-SS ¹⁰ *	-	MSMS06EL-SMSEL-PS ¹⁰ *	MSMS06DL-SMSDL-SS ¹⁰ *
MSMS06EL-SMSDL-SN ¹⁰ *	-	MSMS06EL-SMSEL-PN ¹⁰ *	MSMS06DL-SMSDL-SN ¹⁰ *
-	-	-	-
SM12M06EL-12MDL-SS ¹⁰ *	-	SM12M06EL-SMPEL-PS ¹⁰ *	SM12M06DL-12MDL-SS ¹⁰ *
SM12M06EL-12MDL-SN ¹⁰ *	-	SM12M06EL-SMPEL-PN ¹⁰ *	SM12M06DL-12MDL-SN ¹⁰ *
-	-	-	-
SMSMS06EL-SMSDL-SS ¹⁰ *	-	SMSMS06EL-SMSEL-PS ¹⁰ *	SMSMS06DL-SMSDL-SS ¹⁰ *
SMSMS06EL-SMSDL-SN ¹⁰ *	-	SMSMS06EL-SMSEL-PN ¹⁰ *	SMSMS06DL-SMSDL-SN ¹⁰ *
-	-	-	-
MSMP06EL-SMPDR-SS ¹⁰ *	MSMP06DL-SMPER-SS ¹⁰ *	-	MSMP06DL-SMPDR-SS ¹⁰ *
MSMP06EL-SMPDR-SN ¹⁰ *	MSMP06DL-SMPER-SN ¹⁰ *	-	MSMP06DL-SMPDR-SN ¹⁰ *
-	-	-	-
M12M06EL-12MDR-SS ¹⁰ *	M12M06DL-12MER-SS ¹⁰ *	M12M06EL-12MER-PS ¹⁰ *	M12M06DL-12MDR-SS ¹⁰ *
M12M06EL-12MDR-SN ¹⁰ *	M12M06DL-12MER-SN ¹⁰ *	M12M06EL-SMPER-PN ¹⁰ *	M12M06DL-12MDR-SN ¹⁰ *
-	-	-	-
MSMS06EL-SMSDR-SS ¹⁰ *	MSMS06DL-SMSER-SS ¹⁰ *	M12M06EL-12MER-PS ¹⁰ *	M12M06DL-12MDR-SS ¹⁰ *
MSMS06EL-SMSDR-SN ¹⁰ *	MSMS06DL-SMSER-SN ¹⁰ *	MSMS06EL-SMSER-PN ¹⁰ *	MSMS06DL-SMSDR-SN ¹⁰ *
-	-	-	-
SM12M06EL-12MDR-SS ¹⁰ *	SM12M06DL-12MER-SS ¹⁰ *	SM12M06EL-12MER-PS ¹⁰ *	SM12M06DL-12MDR-SS ¹⁰ *
SM12M06EL-12MDR-SN ¹⁰ *	SM12M06DL-12MER-SN ¹⁰ *	SM12M06EL-SMPER-PN ¹⁰ *	SM12M06DL-12MDR-SN ¹⁰ *
-	-	-	-
SMSMS06EL-SMSDR-SS ¹⁰ *	SMSMS06DL-SMSER-SS ¹⁰ *	SMSMS06EL-SMSER-PS ¹⁰ *	SMSMS06DL-SMSDR-SS ¹⁰ *
SMSMS06EL-SMSDR-SN ¹⁰ *	SMSMS06DL-SMSER-SN ¹⁰ *	SMSMS06EL-SMSER-PN ¹⁰ *	SMSMS06DL-SMSDR-SN ¹⁰ *
-	-	-	-
MSMP06ER-SMPDR-SS ¹⁰ *	-	-	MSMP06DR-SMPDR-SS ¹⁰ *
MSMP06ER-SMPDR-SN ¹⁰ *	-	-	MSMP06DR-SMPDR-SN ¹⁰ *
-	-	-	-
M12M06ER-12MDR-SS ¹⁰ *	-	M12M06ER-12MER-PS ¹⁰ *	M12M06DR-12MDR-SS ¹⁰ *
M12M06ER-12MDR-SN ¹⁰ *	-	M12M06ER-SMPER-PN ¹⁰ *	M12M06DR-12MDR-SN ¹⁰ *
-	-	-	-
MSMS06ER-SMSDR-SS ¹⁰ *	-	MSMS06ER-SMSER-PS ¹⁰ *	MSMS06DR-SMSDR-SS ¹⁰ *
MSMS06ER-SMSDR-SN ¹⁰ *	-	MSMS06ER-SMSER-PN ¹⁰ *	MSMS06DR-SMSDR-SN ¹⁰ *
-	-	-	-
SM12M06ER-12MDR-SS ¹⁰ *	-	SM12M06ER-SMPER-PS ¹⁰ *	SM12M06DR-12MDR-SS ¹⁰ *
SM12M06ER-12MDR-SN ¹⁰ *	-	SM12M06ER-SMPER-PN ¹⁰ *	SM12M06DR-12MDR-SN ¹⁰ *
-	-	-	-
SMSMS06ER-SMSDR-SS ¹⁰ *	-	SMSMS06ER-SMSER-PS ¹⁰ *	SMSMS06DR-SMSDR-SS ¹⁰ *
SMSMS06ER-SMSDR-SN ¹⁰ *	-	SMSMS06ER-SMSER-PN ¹⁰ *	SMSMS06DR-SMSDR-SN ¹⁰ *

Accessories

Distribution Box



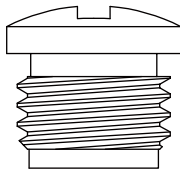
⑩ Cable Length = (01) 1M ~ (99) 99M

Coding	Nominal Current	No. of Contacts	Port	M12	
				Without Cable	With Cable
A	4A	05	4	DB12-5A4M23-DPS7001	DB12-5A4CAB-DPS7B ⑩
			8	DB12-5A8M23-DPS7001	DB12-5A8CAB-DPS7B ⑩

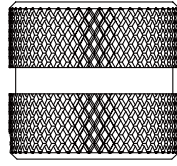
* Upon Request

Accessories

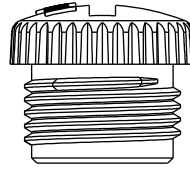
Waterproof Cap



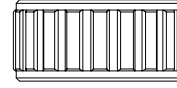
M8 (For Female)



M10.5 (For Male)



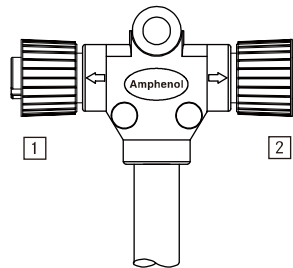
M12 (For Female)



M23 (For Male)

Size	Mating Pair	Mating Gender	Material	Attachment	Screw Thread
M8	Overmolded with Cable	Female	Plastic	With Lead	CAP-WBBFSPC1
		Female	Plastic	Cap Only	CAP-WBBFSMA1
	Receptacle and Overmolded with Cable	Male	Plastic	Cap Only	CAP-WBBMSMA1
		Female	Plastic	Cap Only	CAP-WBBFSMA1
M10.5	Receptacle and Overmolded with Cable	Male	Metal	Cap Only	CAP-WBCMSMA2
M12 A/B/D/I K/L/S/T/X	Receptacle	Male	Metal	With Chain	CAP-WBDMSPB2
		Female	Metal	With Chain	CAP-WBDFSPB1
	Receptacle and Overmolded with Cable	Male	Plastic	Cap Only	CAP-WBDMSMA1
		Male	Metal	Cap Only	CAP-WBDMSMA2
		Female	Plastic	Cap Only	CAP-WBDFSMA1
		Female	Metal	Cap Only	CAP-WBDFSMA2
M23	Receptacle	Male	Metal	Cap Only	CAP-WBHMSMA1

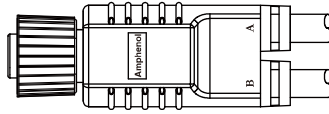
M12 T-Cable



10 Cable Length = (01) 1M ~ (99) 99M

Type	Type	Nominal Current	2 No. of Contacts	Male To Male	Female To Female	Male To Female
Metal	A-Code	4A	03, 04, 05	SS-2 2 00-MM0-TSA 10	SS-2 2 00-FF0-TSA 10	SS-2 2 00-MF0-TSA 10
		2A	06, 08			
	B-Code	4A	05	SB-2 2 00-MM0-TSA 10	SB-2 2 00-FF0-TSA 10	SB-2 2 00-MF0-TSA 10
	D-Code	4A	04	SD-2 2 00-MM0-TSA 10	SD-2 2 00-FF0-TSA 10	SD-2 2 00-MF0-TSA 10
	I-Style	4A	05	SI-2 2 00-KK0-TSA 10	SI-2 2 00-ZZ0-TSA 10	SI-2 2 00-KZ0-TSA 10
Plastic	A-Code	4A	03, 04, 05	PS-2 2 00-MM0-TSA 10	PS-2 2 00-FF0-TSA 10	PS-2 2 00-MF0-TSA 10
		2A	06, 08			
	B-Code	4A	05	PB-2 2 00-MM0-TSA 10	PB-2 2 00-FF0-TSA 10	PB-2 2 00-MF0-TSA 10
	D-Code	4A	04	PD-2 2 00-MM0-TSA 10	PD-2 2 00-FF0-TSA 10	PD-2 2 00-MF0-TSA 10
	I-Style	4A	05	PI-2 2 00-KK0-TSA 10	PI-2 2 00-ZZ0-TSA 10	PI-2 2 00-KZ0-TSA 10

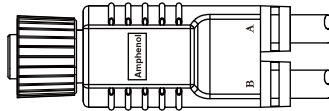
M12 Y-Cable Plastic



10 Cable Length = (01) 1M ~ (99) 99M

Type	Nominal Current	2 No. of Contacts	Male	Female
A-Code	4A	03, 04, 05	PS-2 0000-M00-YSB 10*	PS-2 0000-F00-YSB 10*
	2A	06, 08		
B-Code	4A	05	PB-2 0000-M00-YSB 10*	PB-2 0000-F00-YSB 10*
D-Code	4A	04	PD-2 0000-M00-YSB 10*	PD-2 0000-F00-YSB 10*
I-Style	4A	05	PI-2 0000-K00-YSB 10*	PI-2 0000-Z00-YSB 10*
			PI-2 0000-M00-YSB 10*	PI-2 0000-F00-YSB 10*

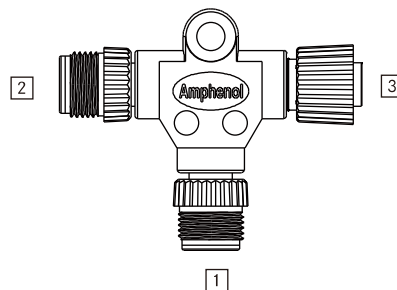
M12 Y-Cable Metal



10 Cable Length = (01) 1M ~ (99) 99M

Type	Nominal Current	2 No. of Contacts	Male	Female
A-Code	4A	03, 04, 05	SS-2 0000-M00-YSB 10	SS-2 0000-F00-YSB 10
	2A	06, 08		
B-Code	4A	05	SB-2 0000-M00-YSB 10	SB-2 0000-F00-YSB 10
D-Code	4A	04	SD-2 0000-M00-YSB 10	SD-2 0000-F00-YSB 10
I-Style	4A	05	SI-2 0000-K00-YSB 10	SI-2 0000-Z00-YSB 10
			SI-2 0000-M00-YSB 10	SI-2 0000-F00-YSB 10

M12 T-Adaptor Plastic



Choose Connector / Contact Gender:

5 For connector 1

6 For connector 2

7 For connector 3

A/B/D Code

M: Male + Male

F: Female + Female

I-Style

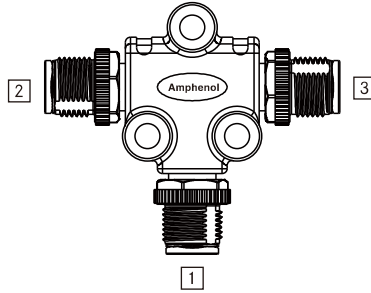
K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	PS-2 2 2 2 - 5 6 7 -TS001
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	PB-2 2 2 2 - 5 6 7 -TS001*
D-Code	4A	04	PD-2 2 2 2 - 5 6 7 -TS001*
I-Style	4A	05	PI-2 2 2 2 - 5 6 7 -TS001*

* Upon Request

M12 T-Adaptor Metal



Choose Connector / Contact Gender:

- 5 For connector 1
- 6 For connector 2
- 7 For connector 3

A/B/D Code

M: Male + Male

F: Female + Female

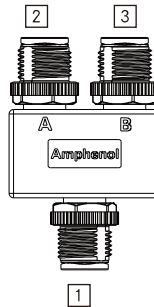
I Style

K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	TA-A 2 5 -A 2 6 -A 2 7 -01
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	TA-B 2 5 -B 2 6 -B 2 7 -01*
D-Code	4A	04	TA-D 2 5 -D 2 6 -D 2 7 -01*
I-Style	4A	05	SI-050505-5 6 7 -TS001*

M12 Y-Adaptor Plastic



Choose Connector / Contact Gender:

- 5 For connector 1
- 6 For connector 2
- 7 For connector 3

A/B/D Code

M: Male + Male

F: Female + Female

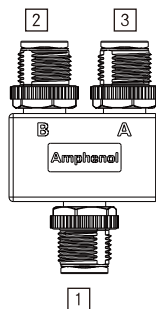
I Style

K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	PS- 2 2 2 -5 6 7 -YS001*
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	PB- 2 2 2 -5 6 7 -YS001*
D-Code	4A	04	PD- 2 2 2 -5 6 7 -YS001*
I-Style	4A	05	PI-050505-5 6 7 -YS001*

M12 Y-Adaptor Metal



Choose Connector / Contact Gender:

- 5 For connector 1
- 6 For connector 2
- 7 For connector 3

A/B/D Code

M: Male + Male

F: Female + Female

I Style

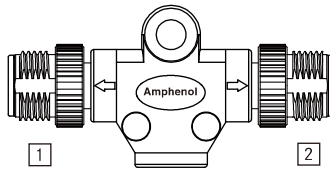
K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	YA-A 2 5 -A 2 6 -A 2 7 -01
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	YA-B 2 5 -B 2 6 -B 2 7 -01
D-Code	4A	04	YA-D 2 5 -D 2 6 -D 2 7 -01*
I-Style	4A	05	SI-050505-5 6 7 -YS001

* Upon Request

M12 I-Adaptor Plastic



Choose Connector / Contact Gender:

- 6 For connector 1
- 7 For connector 2

A/B/D Code

M: Male + Male

F: Female + Female

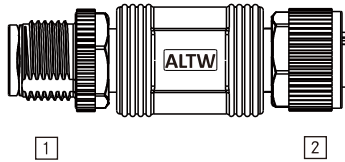
I Style

K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	PS-00 2 2 -0 6 7 -IS001
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	PB-00 2 2 -0 6 7 -IS001*
D-Code	4A	04	PD-00 2 2 -0 6 7 -IS001*
I-Style	4A	05	PI-000505-0 6 7 -IS001*

M12 I-Adaptor Metal



Choose Connector / Contact Gender:

- 6 For connector 1
- 7 For connector 2

A/B/D Code

M: Male + Male

F: Female + Female

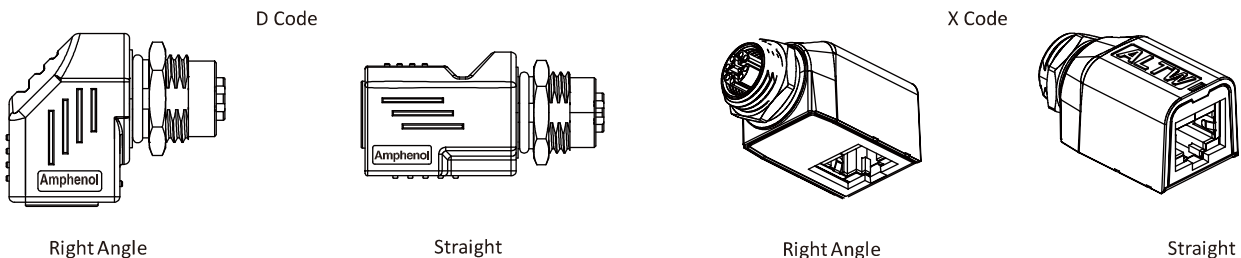
I Style

K: Connector (Male) + Contact (Male+Female)

Z: Connector (Female) + Contact (Male+Female)

Type	Nominal Current	2 No. of Contacts	Part Number
A-Code	4A	03, 04, 05	IA-A 2 5 -A 2 6 -0000-01
	2A	06, 08	
	1.5A	10, 12	
B-Code	4A	05	IA-B 2 5 -B 2 6 -0000-01*
D-Code	4A	04	IA-D 2 5 -D 2 6 -0000-01*
I-Style	4A	05	SI-000505-0 6 7 -IS001*

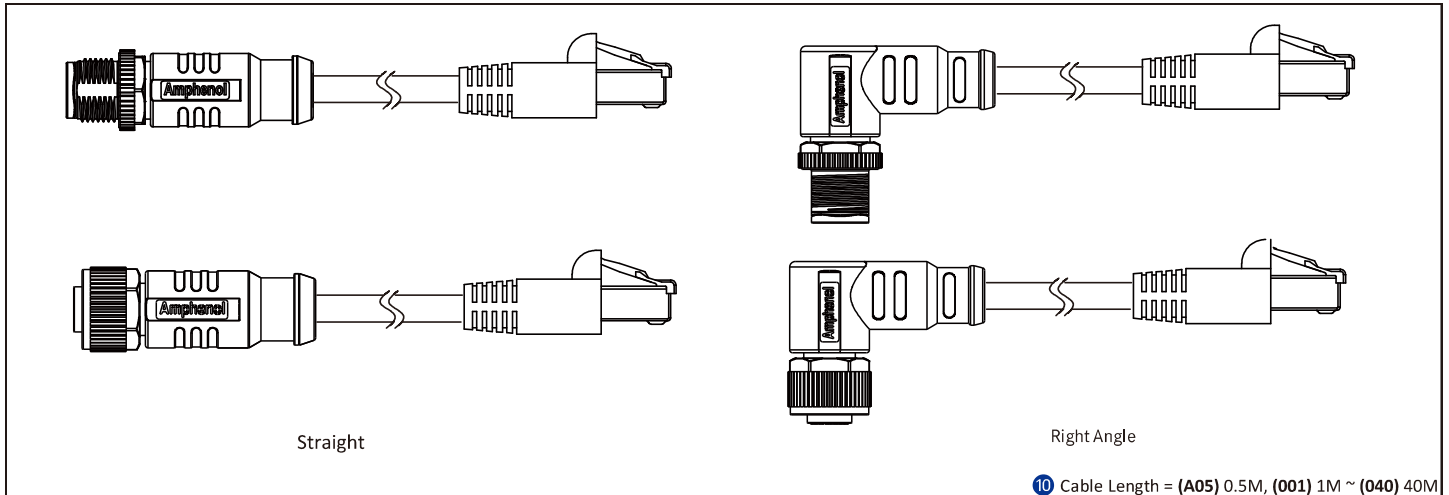
M12 To RJ45 Adaptor



Type	Nominal Current	No. of Contacts	Gender	Straight / Right Angle	Part Number
D-Code	4A	04	Female	Straight	RJS-12D04FF-LS8001
				Right Angle	RJS-12D04FF-RS8001
			Male	Straight	RJS-12D04FM-LS8001
				Right Angle	RJS-12D04FM-RS8001
X-Code	0.5A	08	Female	Straight	RJS-12X08FF-LS7001
				Right Angle	RJS-12X08FF-RS7001

* Upon Request

M12 to RJ45 Cable



10 Cable Length = (A05) 0.5M, (001) 1M ~ (040) 40M

Type	Nominal Current	No. of Contacts	Gender	Straight / Right Angle	Part Number
A-Code	2A	08	M (Male) / F (Female)	Straight	MSAS08 3 L-SPBML-SE 10
	2A	08	M (Male) / F (Female)	Right Angle	MSAS08 3 R-SPBML-SE 10
D-Code	4A	04	M (Male) / F (Female)	Straight	MSDS04 3 L-SPBML-SE 10
	4A	04	M (Male) / F (Female)	Right Angle	MSDS04 3 R-SPBML-SE 10
X-Code	0.5A	08	M (Male) / F (Female)	Straight	MSXS08 3 L-SPBML-SX 10
	0.5A	08	M (Male) / F (Female)	Right Angle	MSXS08 3 R-SPBML-SX 10

MPronto-12 Kit - Unrivaled Push-Pull Connector For Self-Assembly

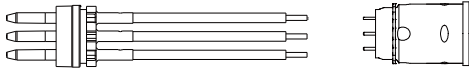


- ✓ Design Your Products With The Excellent MPronto-12 Kit. You Can Get All Benefits of MPronto-12.
- ✓ With The MPronto-12 Kit, You Still Can Use Any Materials & Do Your Own Cable Assembly.

	Type	No. of Contacts	Gender	Non-Shielded	Shielded
				Part Number	Part Number
Solder Type	A-Code	03	Male	APPM-A03MAPAN-AS1*	APPM-A03MAPAS-AS1*
		04	Male	APPM-A04MAPAN-AS1*	APPM-A04MAPAS-AS1*
		05	Male	APPM-A05MAPAN-AS1	APPM-A05MAPAS-AS1*
		06	Male	APPM-A06MAPAN-AS1*	APPM-A06MAPAS-AS1*
		08	Male	APPM-A08MAPAN-AS1	APPM-A08MAPAS-AS1*
		10	Male	APPM-A10MAPAN-AS1*	APPM-A10MAPAS-AS1*
		12	Male	APPM-A12MAPAN-AS1	APPM-A12MAPAS-AS1*
		17	Male	APPM-A17MAPAN-AS1	APPM-A17MAPAS-AS1*
	B-Code	05	Male	APPM-A05MAPAN-BS1	APPM-A05MAPAS-BS1*
	D-Code	04	Male	APPM-A04MAPAN-DS1	APPM-A04MAPAS-DS1*
X-Code	08	Male	-	APPM-A08MAPAS-XS1	
Crimp Type	A-Code	03	Male	APPM-A03MAPAN-AC1*	APPM-A03MAPAS-AC1*
		04	Male	APPM-A04MAPAN-AC1*	APPM-A04MAPAS-AC1*
		05	Male	APPM-A05MAPAN-AC1*	APPM-A05MAPAS-AC1*
		06	Male	APPM-A06MAPAN-AC1*	APPM-A06MAPAS-AC1*
		08	Male	APPM-A08MAPAN-AC1*	APPM-A08MAPAS-AC1*
	B-Code	05	Male	APPM-A05MAPAN-BC1*	APPM-A05MAPAS-BC1*
	D-Code	04	Male	APPM-A04MAPAN-DC1*	APPM-A04MAPAS-DC1*
	X-Code	08	Male	-	APPM-A08MAPAS-XC1*

Customization - Upon Request

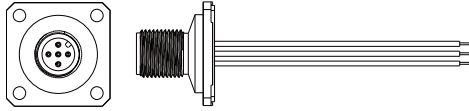
1. M8 / M12 Sensor Insert



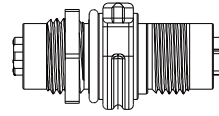
8. M8 To X-Lok



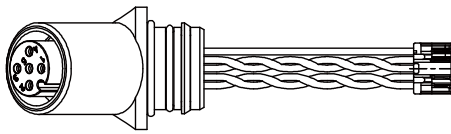
2. Square Receptacle



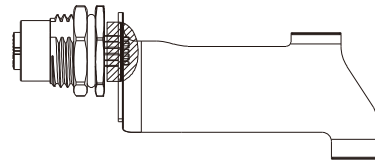
9. M12 Receptacle Feedthrough



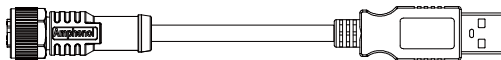
3. Metal Injection Molding



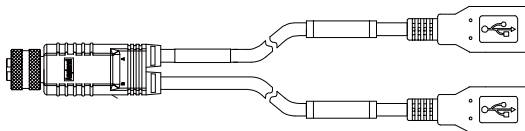
10. With FPC Termination



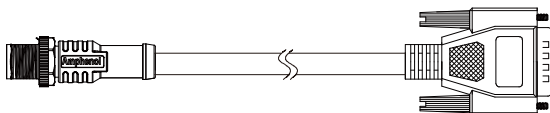
4. M12 To USB Plug



5. M12 To USB Jack Splitter



6. M12 To D-Sub



7. M12 To FLOS (FLOS+)

