

◆ Feature

- 1.Linear polarization
- 2.Compact size and low profile
- 3.Low noise
- 4.Low current consumption
- 5.RoHS compliant

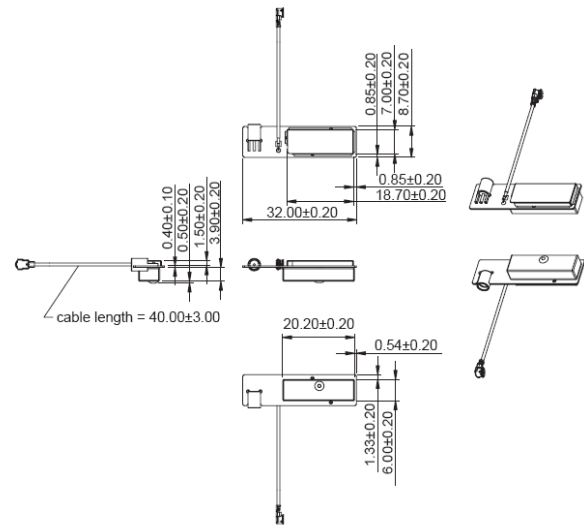


◆ Application

Automobile, Marine, Aviation, Handheld Device



◆ Dimension (mm): 32×8.7×6.3



◆ Specification

Mechanism	Cable Type	mini coaxial φ 1.13 mm
	Cable Length	40 mm
	Connector Type	IPEX MHF Plug
Electrical Characteristic		
Antenna Performance		
Center Frequency (MHz)		1575.42±3
Bandwidth (10dB return loss) (MHz)		6 typ.
Peak Gain (dBi)		-0.5
Polarization		Linear
Test Condition	Antenna is inside the radome and measured on LNA ground plane.	

Electrical Characteristic	
Filter/LNA Performance	
Center Frequency (MHz)	1575.42±1.023
Gain (dB)	19±3 (DC=3.0V)
Noise Figure (dB)	1.5 typ. (DC=3.0V)
V.S.W.R.	2.0 max.
Consumption Current (mA)	3.5±1.5 (DC=3.0±0.1V)
Overall Performance	
Center Frequency (MHz)	1575.42±1.023
Gain at Zenith (dBi)	18 typ.
Impedance (Ω)	50 typ.
V.S.W.R.	2.0 typ.
Operation Voltage (V)	3.0±0.3
Test Condition	Antenna is inside the radome and measured on LNA ground plane.