

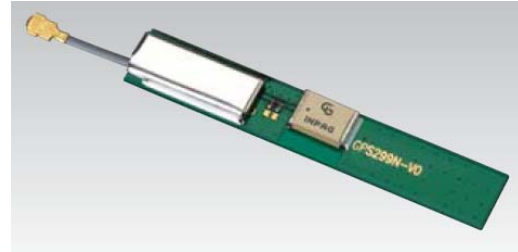
◆ Features

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

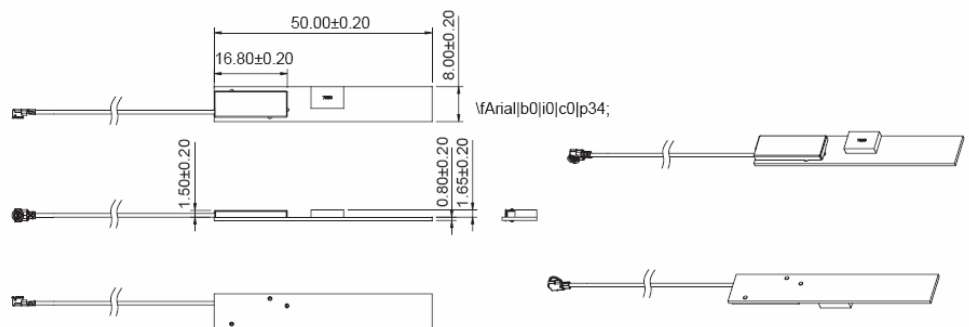


◆ Application

GPS, Navigation Device



◆ Dimensions (mm): 50.0x8.0x2.45



◆ Specifications

Mechanical	Cable Type	minicoaxialϕ1.13
	Cable Length	500mm
	Connector Type	HRS UFL
	Color	Gray
Chip Specification (Tested with ground 80x40mm)		
	Frequency Range (MHz)	1565~1585
	Polarization	Linear
	Pattern	Omni-Directional
	Peak Gain	3.42 dBi (typ.) for 1575.42MHz
	Efficiency(%)	75.6%
	Reef Impedance (Ω)	50

◆ Specifications

Filter/LNA Specification	
Center Frequency (MHz)	1575.42±1.023
Gain	18±3dB (DC=3.0V)
Noise Figure	1.5dB (typ.) and 2.0dB (max.) (DC=3.0V)
Output V.S.W.R	2.0 max. (DC=3.0V)
Operation Voltage	3.0±0.3V
Consumption Current	3.7±2 mA (DC=3.0±0.01V)
Overall Specification (Through CHIP, LNA, with cable loss)	
Center Frequency (MHz)	1575.42±1.023
Average Gain	11 dBi (typ.) (tested with ground 50x8 mm)
Output Impedance (Ω)	50
Output V.S.W.R	2.0 typ.
Operation Voltage	3.0±0.3V
Consumption Current	3.7±2 mA (DC=3.0±0.01V)