

◆ **Features**

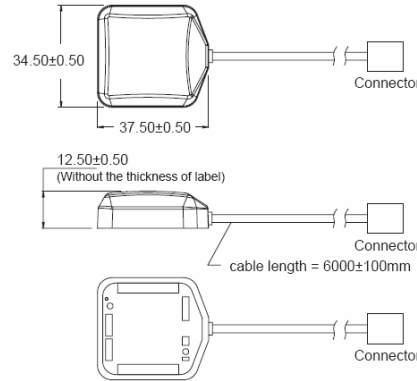
- 1.High gain and low noise
- 2.Compact Size
- 3.L.H.C.P.
- 4.Customization available for cable length and connectors
- 5.Magnetic mounting
- 6.RoHS Compliant



◆ **Application**

Satellite Digital Radio

◆ **Dimensions (mm): 37.5x34.5x12.5**



◆ **Specifications**

Specifications		
<b>Mechanical</b>	<b>Cable Type</b>	RG-174
	<b>Cable Length</b>	5m
	<b>Mounting Method</b>	Magnet
	<b>Connector Type</b>	FAKRA & Others
	<b>Color</b>	Black
<b>Electrical</b>		
<b>Patch Performance</b>		
<b>Center Frequency (MHz)</b>	2332.5~2345	
<b>Bandwidth (10dB return loss) (MHz)</b>	60 min.	
<b>Gain at Zenith (dBic)</b>	4.5 typ.	
<b>Gain at 10° elevation (dBic)</b>	-6.0 typ.	
<b>Polarization</b>	L.H.C.P.	
<b>Impedance (Ω)</b>	50 typ.	
<b>Frequency Temperature Coefficient (ppm/°C)</b>	0±20	
<b>Axial Ratio</b>	≤ 3 dB	
<b>Testing Conditions</b>	50 mm Square Ground Plane	

Electrical

LNA Performance

Center Frequency	2332.5~2345 MHz
Gain	34dB typ.
Noise Figure	1.0 dB typ.
Filter Out Band Attenuation	35dB typ. fo±230MHz ( fo=2338.75MHz)
Output V.S.W.R.	2.0 max.

◆ Characteristics

Smith Chart

