

Cermic Flat Patch Antenna  
 Design: Rectangular Micro-Strip Antenna  
 Feeding Method: Off-set One Point Feeding Throuth Ground Plan  
 Application: GPS  
 Size 25 x 25 x 4 mm  
 RoHs Compliance



## Features

- Antenna dimension is as small as Teflon antenna
- Provide highly stbilized performance
- Using high quality factor dielectric
- Low and tight temperature coefficient

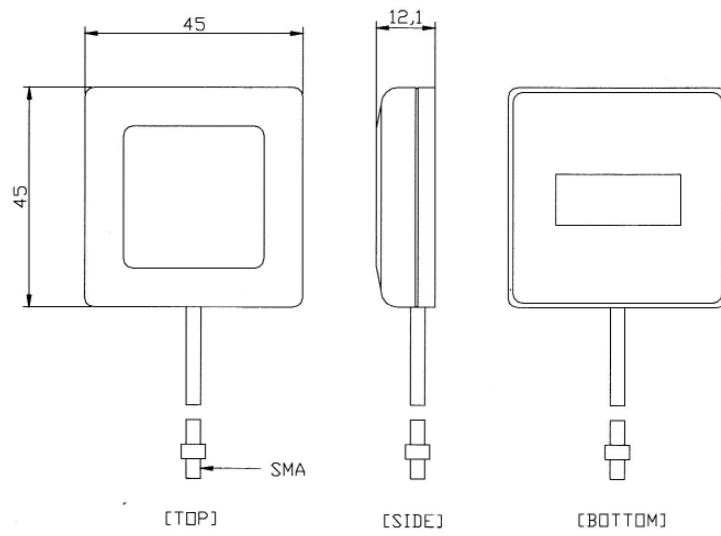
## Electrical Characteristics

<b>JC-GAD1575H-5</b>	
Center Frequency (Fo)	1575.42 MHz +/-1.023 MHz
VSWR	2.0 : 1 max.
Gain	30 +/- 2 dB 30 dB typical
Impedance	50 ohm
Noise Figure	0.8 dB typical 1.5 dB max.
Band Attenuation	Fo + 50 MHz 15 dB min. Fo - 50 MHz 20 dB min.
Voltage	DC3~5 +/- 0.3 V
Current	20 mA typical 30 mA max.

## Mechanical

<b>JC-GAD1575H-5</b>	
Cable	RG-174 5 mm Optional
Connector	SMA Optional
Mount Type	Magnetic
Case Material	PCABS
Operating Temperature	-30°C~+85°C
Staorage Temperature	-40°C~+100°C
Water proof	Water resistant

**Dimension 25 x 25 x 4 mm**



Unit: mm