

# Ceramic Helix GSM/3G Antenna

## MODEL: IA100C



- Operation temperature: -25°C to +85°C
- Frequency range: 1710-2170MHz
- OD6mm x 17.5mm (+/-0.5mm)
- Bandwidth :450Mhz

This product specifications are applied to the helical antenna composed of helix on the dielectric material and conducting mechanism used for the wireless communication system. **Please contact us when using this product for any other applications than described in the above.**

### Electrical Characteristics:

Item	Specification
Center Frequency @ 50*50mm GND Plane & ABS Plastic cover	1710-2170Mhz
Band Width @ Return Loss $\leq$ -7dB	$\geq$ 450
V.S.W.R. @ Center Frequency	$\leq$ 1.5
Axial ratio	$\leq$ 3
Polarization	Linear polarization
Impedance	50

### Return Loss and Smith-char :







