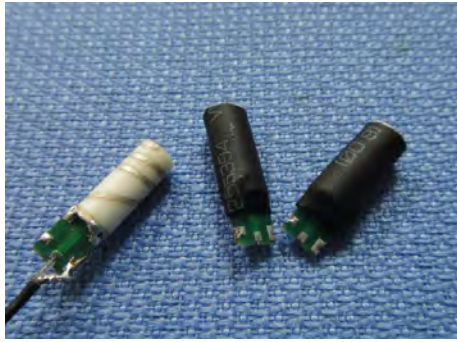


MODEL: IA100B



- Operation temperature: -25°C to +85°C
- Frequency range: 1575-1610MHz
- OD6mm x 17.5mm (+/-0.5mm)
- Bandwidth :100Mhz

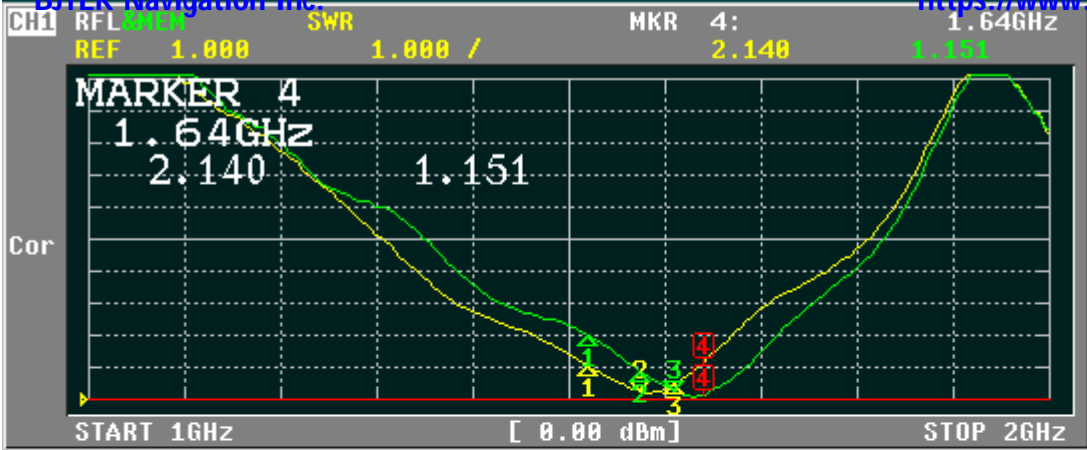
This product specifications are applied to the helical antenna composed of helix on the dielectric material and conducting mechanism used for the wireless communication system. **Please contact us when using this product for any other applications than described in the above.**

Electrical Characteristics:

Item	Specification
Center Frequency @ 70*70mm GND Plane & ABS Plastic cover	1575.0-1610Mhz
Band Width @ Return Loss \leq -10dB	\geq 100
V.S.W.R. @ Center Frequency	\leq 1.5
Axial ratio	\leq 3
Polarization	Linear polarization
Impedance	50

Return Loss and Smith-char :





CH1 MARKER LIST

1:	1.520 000GHz	2.097	3.009
2:	1.575 000GHz	1.259	1.867
3:	1.610 000GHz	1.477	1.276
4:	1.640 000GHz	2.140	1.151
5:			
6:			
7:			
8:			
9:			
10:			

Return

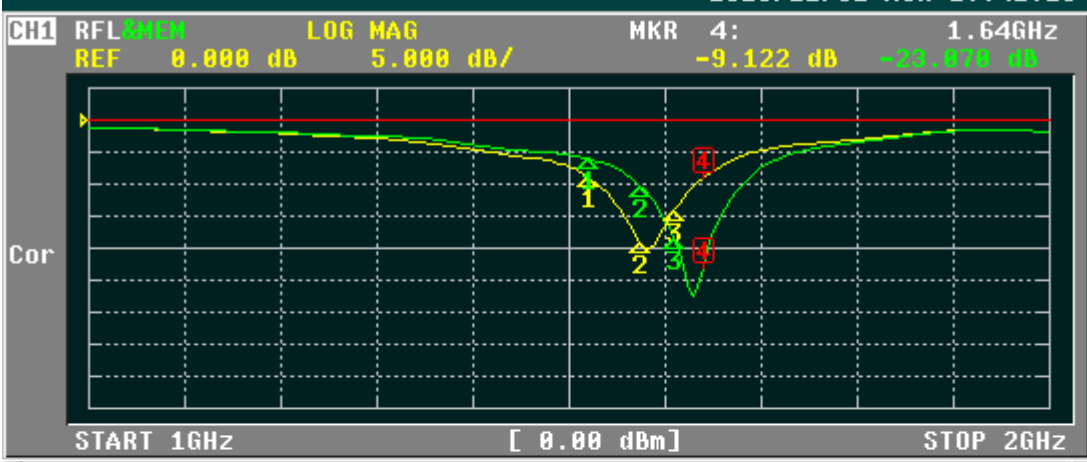
DISPLAY

DISPLAY DATA 1

DISPLAY MEMORY 2

DISPLAY DATA&MEM 3

Return 8



CH1 MARKER LIST

1:	1.520 000GHz	-8.829 dB	-6.000 dB
2:	1.575 000GHz	-19.202 dB	-10.381 dB
3:	1.610 000GHz	-14.146 dB	-18.303 dB
4:	1.640 000GHz	-9.122 dB	-23.070 dB
5:			
6:			
7:			
8:			
9:			
10:			

More 1/2

FORMAT

LOG MAG 1

PHASE 2

DELAY 3

SMITH (R+jX) 4

SMITH (G+jB) 5

POLAR 6

LIN MAG 7

More 1/2 8

