



b/g/n Embedded Antenna for WLAN 2.4G

STANDARD / SPECIFICATION

Frequency Range : 2400~2500 MHz

Impedance : 50Ω

VSWR : ≤ 2.0

Return Loss : ≤ -10 dB

Radiation : Omni-directional

Gain (Peak Gain) : 2 dBi

Polarization : Linear polarization

Connector : I-PEX/Molex/ Customization available

Dimensions : 25 x 5.0 x 0.8(T) mm /Customization available

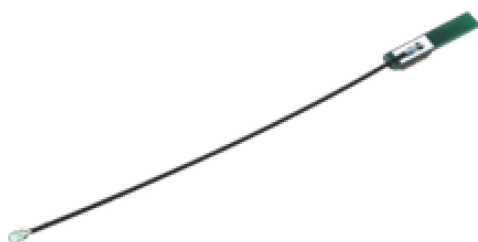
Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 BLACK

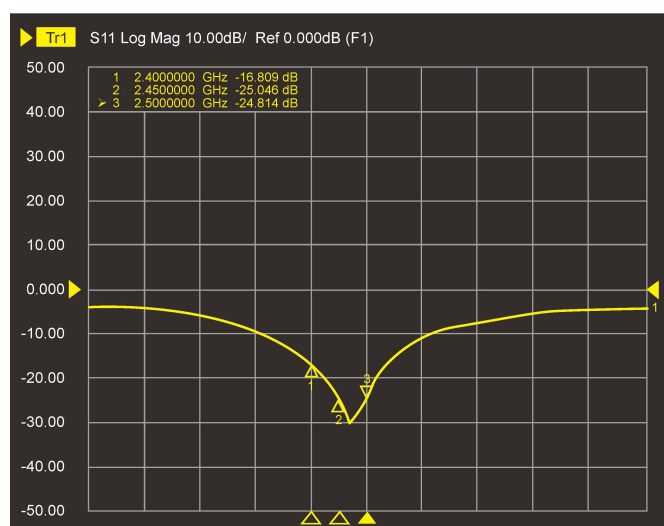
Cable Length : 113mm or Customization



Chamber Test

Channel	2400	2450	2500
Note	EM-15		
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-2.29484	-2.66097	-2.98366
Peak EIRP (dBm)	3.4971	2.92339	2.12342
Directivity (dBi)	5.79194	5.58435	5.10709
Efficiency (dB)	-2.29484	-2.66097	-2.98366
Efficiency (%)	58.9544	54.188	50.3076

Return Loss



VSWR

