



a/b/g/n/ac Embedded Antenna for WLAN 2.4G+5G

STANDARD / SPECIFICATION

Frequency Range : 2400~2500 / 5150~5875 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 : 42.2 x 7.35 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

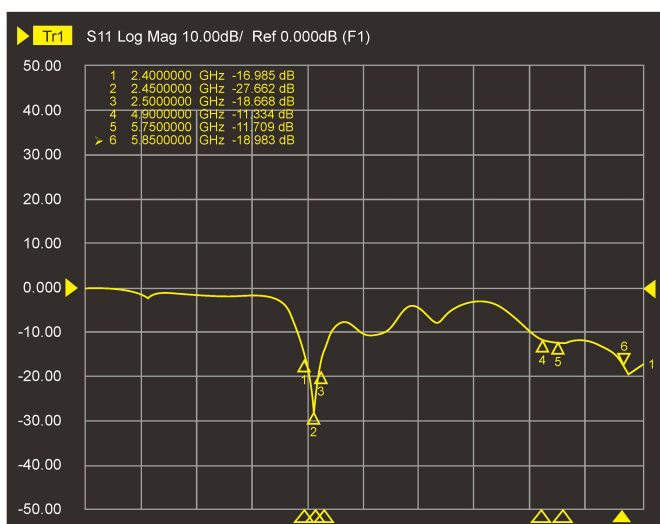
Cable Length : 110mm / Customization



Chamber Test

Frequency (MHz)	Peak Gain (dBi)	Tot. Rad. Pwr. (dBm)	Efficiency (%)
WLAN			
2400	5.65034	-0.891638	81.4397
2450	4.72736	-1.1419	76.8794
2500	4.6769	-1.26406	74.7471
5150	2.04262	-1.94642	63.879
5450	3.90713	-0.918064	80.9457
5600	3.31639	-1.75812	66.7096
5765	2.31567	-2.98812	50.256
5850	2.80683	-2.47067	56.6151

Return Loss



VSWR

