



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 : 37 x 9.5 x 0.2(T) mm / Customization available

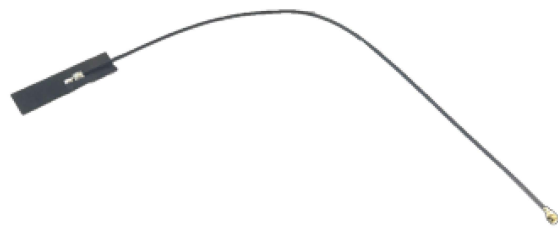
Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : FPCB

Cable Type : OD1.13 BLACK

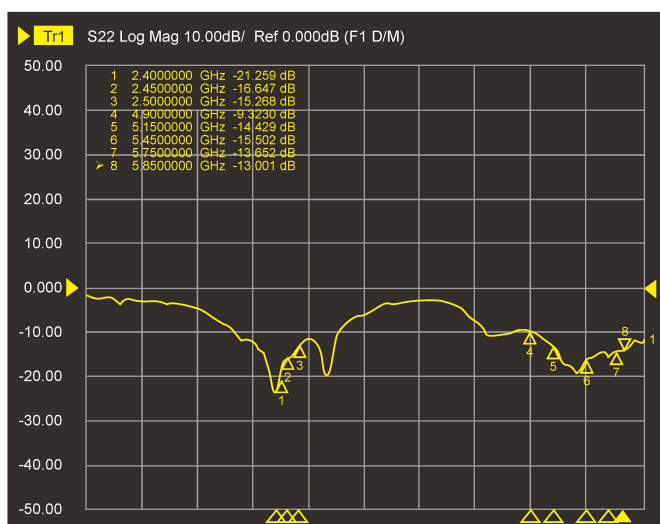
Cable Length : 195mm / Customization



Chamber Test

Channel	2400	2450	2500	5150	5450	5600	5765	5850
Note	EM57							
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-1.51901	-1.69624	-1.96835	-2.08388	-1.51602	-2.38593	-4.20107	-3.6539
Peak EIRP (dBm)	4.19273	4.39656	4.26677	2.94932	4.03404	3.32437	1.6032	2.47038
Directivity (dBi)	5.71174	6.0928	6.23512	5.0332	5.55007	5.7103	5.80427	6.12428
Efficiency (dB)	-1.51901	-1.6924	-1.96835	-2.08388	-1.51602	-2.38593	-4.20107	-3.6539
Efficiency (%)	70.4854	67.6669	63.5573	61.8888	70.5338	57.7307	38.0096	43.1132

Return Loss



VSWR

