



b/g/n 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 : 36.5 x 8 x 0.8(T)mm / Customization available

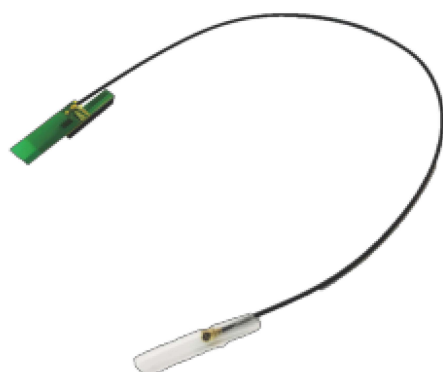
Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

Cable Type : OD1.13 BLACK

Cable Length : 270mm / Customization



Chamber Test

Channel	2400	2450	2500	5150	5250	5450	5550	5725	5850
Note									
Ant. Port Input Pwr. (dBm)	0	0	0	0	0	0	0	0	0
Tot. Rad. Pwr. (dBm)	-8.31342	-8.13431	-6.97682	-8.30101	-8.847	-8.53481	-9.88259	-9.42132	-6.4825
Peak EIRP (dBm)	-3.0036	-2.93826	-1.42377	-2.01285	-3.21207	-2.46483	-3.96003	-3.9906	-1.42527
Directivity (dBi)	5.30982	5.19605	5.55305	6.28816	5.63493	6.06998	5.92255	5.43072	5.05299
Efficiency (dB)	-8.31342	-8.13431	-6.97682	-8.30101	-8.847	-8.53481	-9.88259	-9.42132	-6.47825
Efficiency (%)	14.7454	15.3663	20.0594	14.7877	13.0407	14.0126	10.274	11.4253	22.4996

Return Loss



VSWR

