

a/n/ac Embedded Antenna for WLAN 5G

STANDARD/SPECIFICATION

Frequency Range : 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 : 22.1 x 6.05 x 0.4(T)mm/ Customization available

Operating Temperature : -40°C ~ +80°C

Storage Temperature : -45°C ~ +85°C

Material : PCB

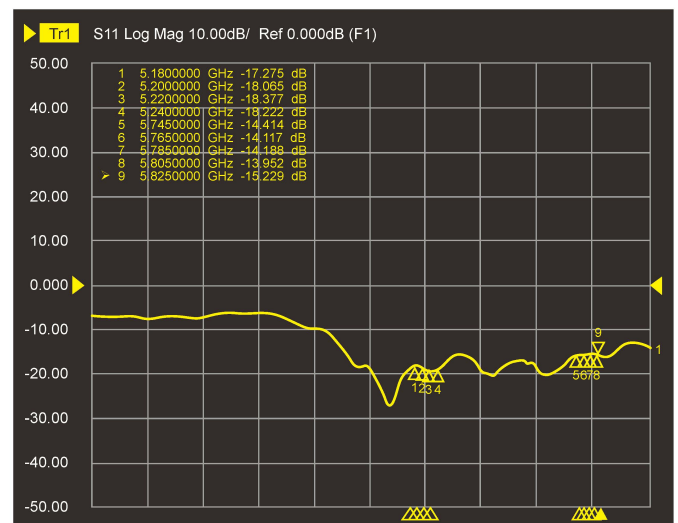
Cable Type : OD1.13 BLACK

Cable Length : 70mm or Customization

Chamber Test

Frequency Test (MHz)	Peak Gain (dBi)	Tot. Rad. Pwr (dBm)	Efficiency (%)
5GHz			
5180	3.82143	-1.11482	77.3602
5200	4.39995	-0.680294	85.5009
5520	4.16612	-0.818034	82.8317
5240	4.3376	-0.72516	84.6221
5260	4.07175	-0.975865	79.8755
5280	4.17596	-0.919886	80.9117
5300	4.48864	-0.717621	84.7692
5320	4.1707	-0.625627	86.5839
5500	3.98622	-1.35712	73.1624
5520	3.64854	-1.20808	75.7167
5540	3.25931	-1.15895	76.6135
5560	4.87212	-0.364601	91.9475
5580	4.15614	-0.531574	88.4795
5660	3.43581	-1.50833	70.6589
5680	3.4184	-1.2665	74.7051
5700	4.19245	-0.884561	79.7175
5745	4.01168	-0.680479	85.4972
5765	3.65985	-1.05359	78.4586
5785	4.09548	-1.01854	79.0944
5805	3.80567	-1.23149	75.3097
5825	4.63782	-0.893889	81.3975

Return Loss



VSWR

