



12 dBi Vertically Polarized Omni Antenna 5,4 Ghz Ca541211 Data Sheet

Applications:

802.11a Wireless
Point to Multi-point
5.4~5.8 GHz ISM Band Applications
WiFi Access Points
Wireless Broadband
Base Station Antenna

Features:

12 dB Antenna
Lightweight
Waterproof
Rugged
Type N Fmale Bulkhead Connector



Description:

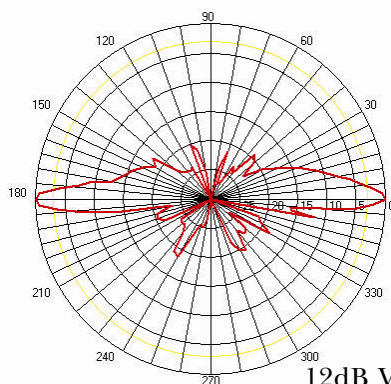
This Omni Directional antenna system (5.4 GHz) has been constructed of UV-stable fiberglass with stainless steel brackets standard. The pattern is 360 degrees gain flatness. This antenna is ideal for multipoint MESH networks.

Specifications Ca541211:

Parameter	Type	Min	Max	Units
Frequency Range		5470	5850	Mhz
VWSR	1.5:1			
Impedance	50			OHM
Imput Power			100	W
Pole Diameter		1 25	2 50	inch mm
Operating Temperature		-40	+70	Deg C

Specifications Ca541211	
Gain	12dBi
Vertical Beam Width	7 deg
Rated Wind Velocity	125mph (56M/sec)
Weight	1.1 Lbs (0.5Kg)
Dimension (L +/-1.0") Diameter Approx. 0.8" (20mm)	21.25" (540mm)

Antenna Patterns (at 5GHz):



Wind Loading	
100MPH	8.75 Lbs
125MPH	13.7 Lbs



Standard stainless steel bracket and bulkhead N connector