



PT-58

5.8 GHz Back Fire Antenna 17 dBi

The PT-58 is a high-performance Compact Backfire WiFi Antenna that provides 17 dBi gain with a 25° beam-width for directional 5.8GHz ISM and UNII band applications. The weather resistant composite radome houses the "Backfire" reflector which is designed to minimize interference. This antenna can be oriented for either vertical or horizontal polarization.

Rugged and Weatherproof

The compact size of this antenna helps minimize wind loading and the rugged, weatherproof construction ensures years of reliable operation. This antenna is supplied with a 60 degree tilt and swivel mast mount kit.



Electrical and Mechanical Specifications	
Frequency	5725 - 5875 MHz
Gain	17 dBi
Horizontal Beam Width	25 degrees
Vertical Beam Width	25 degrees
Connector	Integral N Female
VSWR	< 1.5:1 avg.
Impedance	50 Ohm
Max. Input Power	20 Watts
Weight	2 lbs. (0.9 kg)
Dimensions	9.7" (246 mm) x 2.2" (56 mm)
Mounting	2" (50.8 mm) dia. mast max.
Radome Material	UV-inhibited Polymer
Operating Temperature	-40° C to to 85° C(-40° F to 185° F)
Front to Back Ratio	> 25 dB
Lightning Protection	DC Ground
Polarization	Vertical and Horizontal

RF Antenna Gain Patterns

