



AD-58S

5.8 GHz Omni directional Antenna 8 dBi

The AD-58S is a very compact yet high performance omnidirectional WiFi antenna designed for the 5.8GHz ISM and UNII band. It is ideally suited for multipoint and mobile applications where high gain and wide coverage is desired.

The AD-58S construction features a fiberglass radome for durability and aesthetics. Included with the antenna, the mounting system features a heavy-duty steel bracket and U-Bolt for superior strength.



Electrical and Mechanical Specifications	
Frequency	5725 - 5875 MHz
Gain	8 dBi
Horizontal Beam Width	360 degrees
Vertical Beam Width	16 degrees
Connector	N Female
VSWR	< 1.5:1 avg.
Impedance	50 Ohm
Max. Input Power	100 Watts
Weight	0.44 lbs. (0.2 kg)
Dimensions	.78" (20 mm) Dia. x 13.7" (350 mm)
Mounting	2" (50.8 mm) dia. mast max.
Radome Material	Gray Fiberglass
Operating Temperature	-40° C to to 85° C (-40° F to 185° F)

RF Antenna Gain Patterns

