

Hyperlink Wireless 5.8 GHz 17dBi 90 Degree Sector Panel Antenna Model: HG5817P-090

Applications

- 5.8GHz UNII applications
- 5.8GHz ISM applications
- 5.8GHz Wireless LAN Systems
- WiFi
- Wireless Internet Provider "cell" sites

Features

- Superior Performance
- Light Weight
- All Weather Operation
- Compact Size
- DC Ground Lightning Protection
- Integral N-Female Connector
- Supplied with a tilt and swivel mast mounting kit



Description

Superior Performance

The Hyperlink HG5817P-090 Sector Panel WiFi Antenna combines high gain with a wide 90° beam-width. It is a professional quality "cell site" antenna designed primarily for service providers in the 5.8 GHz ISM and UNII band.

Rugged and Weatherproof

This antenna features a heavy-duty plastic radome for all-weather operation. The HG5817P-090 antenna is supplied with a tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment.

Ideal for Wireless Internet "Cell" Sites

This RF antenna is an ideal choice for Wireless Internet Provider "cell" sites since the cell size can be easily determined by adjusting the down-tilt angle. Horizontal coverage is a full 90 degrees.



Specifications

Electrical Specifications

Frequency	5725-5850 MHz
Gain	17 dBi
Polarization	Vertical
Horizontal Beam Width	90 Degrees
Vertical Beam Width	7 Degrees
Impedance	50 Ohm
Max. Input Power	100 Watts
Front to Back Ratio	> 25 dB
VSWR	< 1.5:1 avg.
Lightning Protection	DC Ground

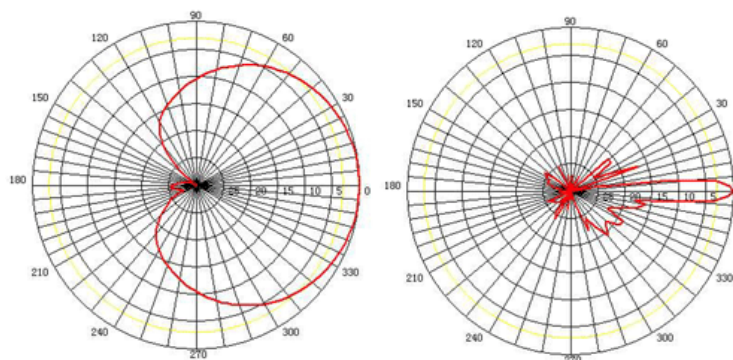
Mechanical Specifications

Connector	N-Female
Radome Material	UV Resistant PVC
Weight	4.35 lbs. (1.97 kg)
Dimensions	17.9 x 4.7 x 2.9 in. (455.6 x 118.6 x 66.4 mm)
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Mounting	2 in. (50.8 mm) O.D. pipe max.
Down tilt (Mech)	0 to 20 Degrees (Adjustable)
RoHS Compliant	Yes

Wind Loading

Wind Speed (MPH)	Loading – Front	Loading – Side
100	28.6 lbs	14.6 lbs.
125	44.7 lbs.	22.9 lbs.

RF Antenna Patterns



Horizontal

Vertical