

Hyperlink 5.8GHz ISM / UNII Band 17dBi 90 Degree Sector Panel Wireless LAN Antenna - Model: HG5817P-090

Applications

- 5.8GHz UNII applications
- 5.8GHz ISM applications
- 5.8GHz Wireless LAN Systems
- Wi-Fi
- 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 Wi-Fi 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 5.8GHz ISM and UNII band.

Rugged and Weatherproof

This antenna features a heavy-duty plastic radome for all-weather operation. The HG5817P 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

Mechanical Specifications

Weight	3.97 lbs. (1.8 kg) including mounting bracket
Dimensions	17.91 x 4.5 x 2.3 in (455 x 115 x 60 mm)
Mounting	1.57-2.36 inch (40-60 mm) O.D. pipe max.
Down-tilt (Mechanical)	0 to 20° (adjustable)
Rated Wind Velocity:	210km/h

Electrical Specifications

Frequency:	5725-5850 MHz
Gain:	17 dBi
VSWR:	<1.5:1
Polarization:	Vertical
Horizontal Beamwidth :	90°
Vertical Beamwidth:	7°
Connector	N-Female
Nominal Impedance:	50 Ohms
Max Input Power:	100 W
Lightning Protection	DC Ground

Wind Loading Data

Wind Loading	Front Surface	Side Surface
Area	0.67 sq. ft. (.062 sq. meters)	0.25 (.023 sq. meters)
@ 100 MPH (161 KPH)	22 lbs. (10 Kg)	8 lbs.(3.6 Kg)

RF Antenna Patterns

