

HyperLink Wireless 5.8 GHz ISM / UNII Band 17 dBi Backfire Wireless LAN Antenna

Model: HG5817D

Applications and Features

- Applications:**
- 5.8GHz UNII applications
 - 5.8GHz ISM applications
 - 5.8GHz Wireless LAN systems
 - Point to Point, Point to Multi-point Systems
 - Wireless Bridges
 - Backhaul Applications

- Features:**
- Superior performance
 - Light weight
 - All weather operation
 - Compact Size
 - 25° beam-width
 - Can be installed for either vertical or horizontal polarization
 - Includes tilt and swivel mast mount
 - RoHS Compliant



Description

The HyperGain® HG5817D 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 that is designed to minimize interference. This antenna can be oriented for either vertical or horizontal polarization.



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.

Specifications

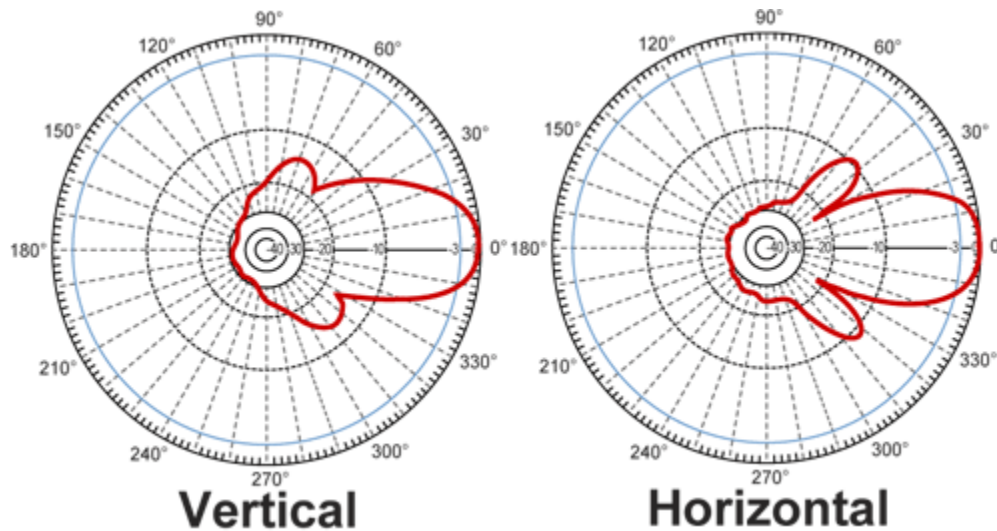
Electrical Specifications

Frequency	5725-5850 MHz
Gain	17 dBi
Horizontal Beam Width	25 degrees
Vertical Beam Width	25 degrees
Front to Back Ratio	>25 dB
Impedance	50 Ohm
VSWR	< 1.5:1 avg.
Maximum Input Power	20 Watts
Lightning Protection	DC Ground
Connector	Integral N-Female

Mechanical Specifications

Weight	2 lbs. (.90 kg)
Dimensions Diameter x Depth	9.7 x 2.2 (inches) 246 x 56 (mm)
Radome Material	UV-inhibited Polymer
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Mounting	2" (50.8 mm) dia. mast max.
Polarization	Vertical and Horizontal
Wind Survival	>130 MPH (210 km/h)
RoHS Compliant	Yes

RF Antenna Gain Patterns



Guaranteed Quality

This product is backed by L-Com's Limited Warranty.

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