

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

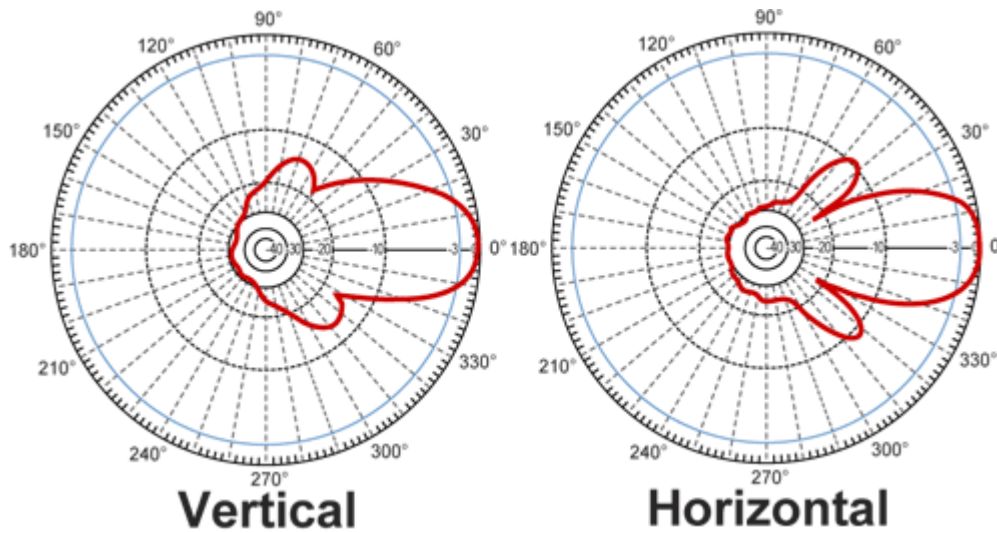
Electrical Specifications

| | |
|------------------------------|-------------------|
| 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.