

Hyperlink Brand 4.9/5.8 GHz 17dBi Dual Band Yagi Antenna Model: HG4958DP-17Y

Features

- MIMO – Multiple-Input and Multiple-Output
- Dual Polarity feed system in single enclosure
- UV-resistant radome for all-weather operation
- Two integral N-Female connectors
- UV-resistant radome for all-weather operation

Applications

- 4.9/5.1/5.3/5.4/5.8 GHz Wireless LAN systems
- MIMO PtMP 1x2, 2x2 base station
- Supports IEEE 802.11 a/n applications
- Homeland Security and Public Safety band
- WiMAX, WISP, WiFi, Mobile Communication



Description

Superior Performance

The HyperGain HG4958DP-17Y Yagi Antenna combines vertical and horizontal polarization with high gain over a broadband frequency in a single enclosure. It is a professional quality antenna designed primarily for MIMO point-to-multipoint applications in the 4.9 GHz to 5.8GHz frequency bands.

This antenna incorporates advanced dual polarization technology that allows for the interoperability of two radio transmit and receive paths. This technology allows for the attenuation of unwanted signals from adjacent channels and/or co-located equipment.

Rugged and Weatherproof

This antenna features a heavy-duty UV-resistant plastic radome for all-weather operation. The HG4958DP-17Y antenna is supplied with a stainless steel tilt and swivel mast mount kit. This allows installation at various degrees of up/down tilt for easy alignment.

Specifications

Mechanical Specifications

connector	N FEMALE
Dimensions	13.58 in x 4.57 in x 2.56 in (345 x 116 x 65mm)
Radome	White Color ABS
Antenna Weight	0.73 lbs (0.33kg)
Mounting Hardware Weight	0.88 lbs (0.4kg)
Wind Survival	130mph (210km / h)

Electrical Specifications

Frequency Range	4900-5850MHz
Gain	17dBi
VSWR	1.5 or less
Horizontal Beamwidth	22°
Vertical Beamwidth	23°
F/B Ratio	> =18dB
Max Power	50 watts
Polarization	Vertical and Horizontal (Dual Linear)
Impedance	50 Ohm
Lightning Protection	DC Ground

Antenna Patterns

