

## HyperLink Wireless 4.9/5.8 GHz 23 dBi Flat Panel Antenna Model: HG4958-23P

### Features

- Heavy duty UV-resistant all weather radome
- DC ground lightning protection
- Can be mounted for horizontal or vertical polarization
- N-female connector
- Includes tilt and swivel mast mount

### Applications

- 4.9/5.8 GHz Indoor/Outdoor Wireless LAN systems
- Supports IEEE 802.11 a/n applications
- WiMAX, WISP, WiFi, Communication
- Homeland Security and Public Safety Band
- Wireless video systems



### Description

#### Superior Performance

The Hyperlink HG4958-23P flat panel antenna is designed to operate from 4.9 GHz to 5.8 GHz (4750-5850MHz). The wide band design of this antenna eliminates the need to purchase different antennas for each frequency. This simplifies installations since the same antenna can be used for a wide array of wireless applications.

#### Rugged and Weatherproof

This aesthetically pleasing antenna features a heavy-duty UV-resistant plastic radome ideal for all-weather indoor and outdoor operation. The HG4958-17DP-3NF antenna is supplied with a tilt and swivel mast mount kit. This allows quick installation at various degrees of up/down tilt for easy alignment.



## Specifications

### Electrical Specifications

Frequency Range	4900-5850 MHz
Gain	20 dBi @ 4.9 GHz / 23 dBi @ 5.8 GHz
Polarization	Vertical or Horizontal
VSWR	<1.5:1 avg.
Horizontal Beam Width	11°
Vertical Beam Width	11°
Max. Input Power	50 Watts
Lightning Protection	DC Ground
Input Impedance	50 Ohm

### Mechanical Specifications

Connector	N-Female
Radome Material	Gray ASA
Dimensions	12.40 x 12.40 x 0.98 in. (315 x 315 x 25mm)
Weight	3.5 lbs (1.6 kg including the bracket)
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Mounting Mast Size (Dia.)	0.75–2.00 in. (19-50 mm)
Rated Wind Velocity	130mph (210km/h)
RoHS Compliant	Yes

### Wind Loading Data

Wind Speed (MPH)	Loading
100	54 lbs.
125	85 lbs.

### RF Antenna Patterns

