

HyperLink Brand 5.1-5.8 GHz 24 dBi Parabolic Dish Antenna Model: HG5158-23D

Applications

- 5.8 GHz UNII Applications
- 5.8 GHz ISM Applications
- 5.8 GHz Wireless LAN Systems
- Long-range Directional Applications
- Point to Point, Point to Multi-point Systems
- Wireless Bridges and Backhaul Applications

Features

- Superior Performance
- Aluminum Reflector Dish
- UV Stable light gray Polymer finish
- All Weather Operation
- Includes Tilt and Swivel Mast Mounting Kit
- Vertical or Horizontal Polarized Mounting
- Optional Radome Cover Available



Description

Superior Performance

The Hyperlink 8.1- 5.8 GHz High-Performance Parabolic Dish Wi-Fi Antenna is ideal for directional 5 GHz ISM / UNII band applications. It features 23 dBi of gain with a 9° beam-width. These antennas can be oriented for either vertical or horizontal polarization.

Rugged and Weatherproof

The reflector dish of these antennas is constructed from high quality aluminum which gives them superior strength. The dish is coated in a light gray UV-inhibited polymer for durability and aesthetics. The small diameter of the dish helps minimize wind loading.

These antennas are supplied with a tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment. The HG5158-23D can be adjusted up or down from 0° to 60°.

Specifications

Electrical Specifications

Frequency	5150-5850
Gain	23 dBi
Polarization	Horizontal or Vertical
Horizontal Beam Width	9°
Vertical Beam Width	9°
Front to Back Ratio	30 dB
Impedance	50 Ohm
Max. Input Power	100 Watts
VSWR	<1.5:1 avg.

Mechanical Specifications

Weight	6.6 lbs (3kg)
Diameter	17.2 in. (436.8 mm)
Mounting	2 in. (50.8mm) Diameter mast max.
Operating Temperature	-40° C to 85° C (-40° F to 185° F)
Lightning Protection	DC Short
Connector	N-Female
Radome Cover Part Number	HGR-04

RF Antenna Patterns

