

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

### Applications

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- 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

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- 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

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#### 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**

