

HyperGain® HG2415G

2.4 GHz Mini 15 dBi Reflector Grid Antenna



Superior Performance

The HyperGain® HG2415G Mini-Reflector Grid Antenna provides 15 dBi gain with a 19° beam-width for directional applications. Its compact design makes it nearly invisible in most installations, and it can be installed for either vertical or horizontal polarization. The antenna's heavy-duty tilt mount allows installation at various degrees of incline for easy alignment.

Rugged and Weather-Proof

This antenna's construction features a welded steel reflector grid for superior strength. The grid surface is UV powder coated for durability and aesthetics, and the open-frame design minimizes wind loading.

Electrical Specifications

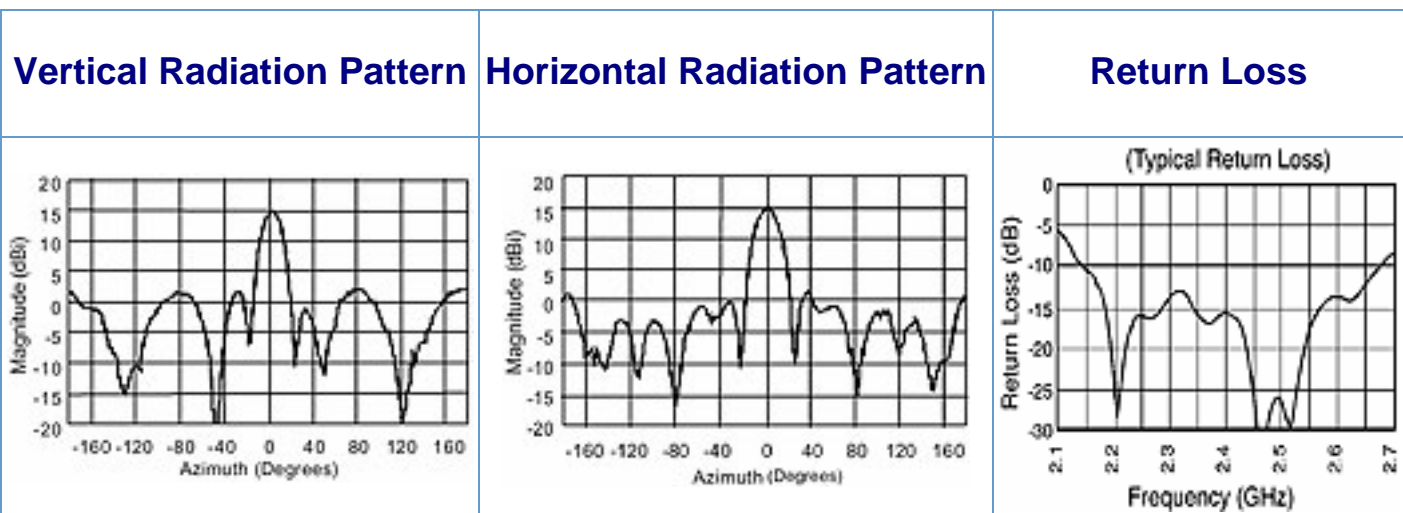
Frequency	2400 - 2500 MHz
Gain	15 dBi
-3 dB Beam Width	19°
Cross Polarization Rejection	> 20 dB
Front to Back Ratio	20 dB nom.
Impedance	50 Ohm
Max. Input Power	50 Watts
VSWR	< 1.5:1 avg.

Mechanical Specifications

Weight	2.6 lbs (1.18 kg)
Grid Dimensions	11.5 in. (29.2 cm) x 14 in. (35.56 cm)
Grid Material	Galvanized Welded Steel
Grid Finish	Light Gray UV Powdercoat
Mounting	1.0" (25mm) - 2.5" (60mm) diameter mast
Elevation Angle	0° to +15°
Operating Temperature	-45° C to +85° C

Wind Loading Data

Wind Speed	100 MPH	140 MPH	100 MPH with ½" radial ice
Loading	8.2 lbs	16.1 lbs	33.2 lbs



Available Connectors

This antenna is supplied with a 24" pigtail with any of the connectors listed in the tables below. Specify the desired connector by choosing the appropriate part number.

Standard Connectors

The following standard connectors are available from stock:

Connector Type	Part Number
N Female	HG2415G-NF
N Male	HG2415G-NM

Special Order Connectors

This antenna is also available with the any of the following connectors by special order at a nominal additional charge. If you do not see your connector listed please contact our sales department.

Connector Type	Part Number
Reverse Polarity TNC Female	HG2415G-RTF
Reverse Polarity SMA Female	HG2415G-RSF
Reverse Polarity BNC Female	HG2415G-RBF
Reverse Polarity N Female	HG2415G-RNF
TNC Male	HG2415G-TM
SMA Male	HG2415G-SM
SMA Female	HG2415G-SF
BNC Male	HG2415G-BM

Guaranteed Quality

All HyperGain[®] antennas are tested and backed by Hyperlink's One Year Warranty.