

HyperGain® HG2415Y Antenna

2.4 GHz 14 dBi Radome Enclosed Yagi Antenna



Superior Performance

The HyperGain® HG2415Y Radome Enclosed Yagi Antenna combines high gain with a wide 30° beam-width. It is ideally suited for directional and multipoint wireless applications in the 2.4 GHz ISM band.

Rugged and Weatherproof

This antenna features a heavy-duty 1/2" aluminum boom and solid 1/4" aluminum elements, enclosed within a UV protected radome for all-weather operation. The mounting system includes an extruded aluminum frame and stainless steel V-bolts.

Electrical Specifications

| | |
|-------------------------|---------------|
| Frequency | 2400-2500 MHz |
| Gain | 14.5 dBi |
| -3 dB Beam Width | 30 degrees |
| Impedance | 50 Ohm |
| Max. Input Power | 50 Watts |
| VSWR | < 1.5:1 avg. |

Mechanical Specifications

| | |
|------------------------|--------------------------|
| Weight | 1.8 lbs. |
| Length | 19" length x 3" diameter |
| Radome Material | UV-inhibited Polymer |
| Mounting | 2 3/8" dia. mast max. |
| Polarization | Vertical |
| Wind Survival | >150 MPH |

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 | HG2415Y-NF |
| N Male | HG2415Y-NM |

Special Order Connectors

This antenna is also available with 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 |
|-----------------------------|-------------|
| TNC Female | HG2415Y-TF |
| TNC Male | HG2415Y-TM |
| Reverse Polarity TNC Female | HG2415Y-RTF |
| Reverse Polarity TNC Male | HG2415Y-RTM |
| Reverse Polarity N Female | HG2415Y-RNF |
| Reverse Polarity N Male | HG2415Y-RNM |
| SMA Male | HG2415Y-SM |
| Reverse Polarity SMA Female | HG2415Y-RSF |

Guaranteed Quality

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

