

BY2-8G

VHF 150 MHz Five element Yagi Antenna

BY2-8G is a 5 element Yagi antenna with 8 dBd Gain.

- The entire balun unit and feeder cable inlet are completely sealed in a Polypropylen (PP) moulding ensuring permanent waterproof connections.
- Radiating elements, supporting booms and adjoining metal castings are constructed in high quality aluminum to prevent corrosion.



ELECTRICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Antenna Type | 5-element Yagi Antenna, |
| Frequency | S: 136 -144 MHz L: 144 - 160 MHz H: 160- 175 MHz HH: 174 - 188 MHz |
| Bandwidth | S: 8 MHz L: 16 MHz H: 15 MHz HH: 14 MHz |
| Impedance | 50 Ohm |
| VSWR | <1.5:1 |
| Polarisation | Linear (Vertical or Horizontal) |
| Gain | 8 dBd, 10.15 dBi |
| Half-Power Beamwidth | E-Plane: 54° H-Plane: 72° |
| Front-To-Back Ratio | > 18 dB |
| Max. Input Power | 150 Watt |
| Antistatic Protection | Direct Ground |

Datasheet

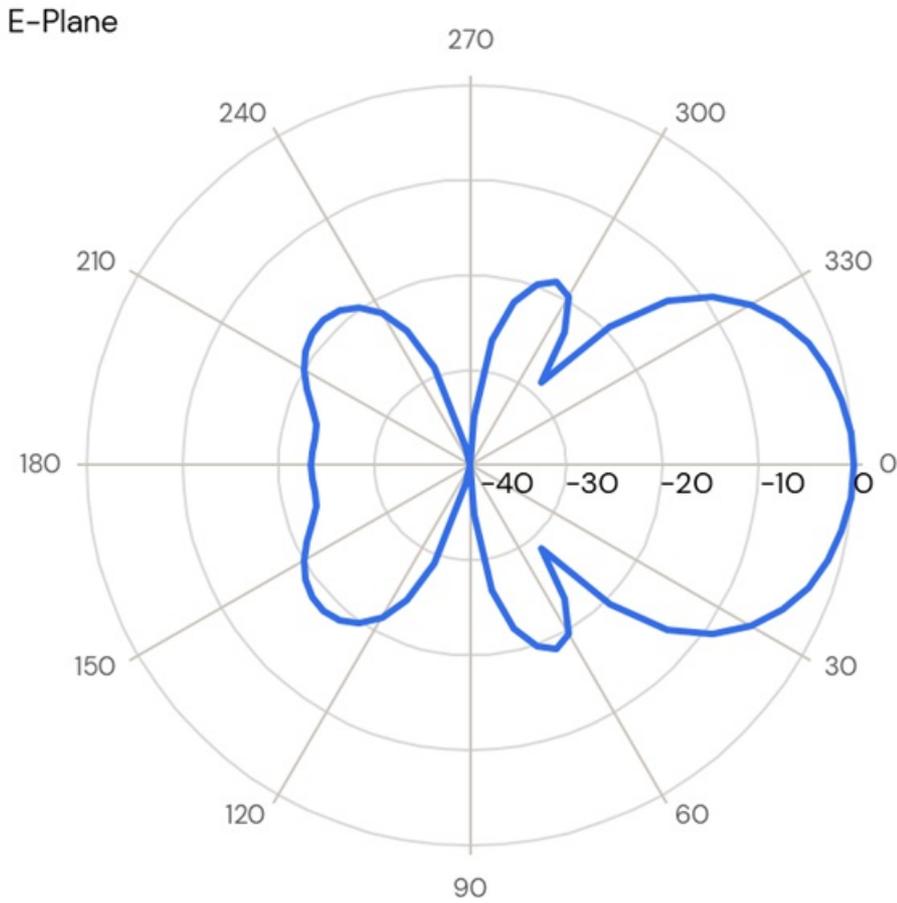
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MECHANICAL SPECIFICATIONS

| | |
|---------------------|---|
| Color | Silvery white |
| Dimensions | 2200 x 1000 mm |
| Weight | 4.6 kg |
| Mount Type | Fixed Tube Bracket in Galvanized Iron (included - P05/01) |
| Mounting Place | On Tube (∅ 20- 65 mm, vertical or horizontal) |
| Survival Wind Speed | 55 m/s |
| Materials | Aluminum 6063-T5, PP and Brass |
| Connector | Type N-female |
| Pigtail | Approx. 2.5 m RG213/U |
| Serial Number | On product label |

ORDERING INFORMATION

| | |
|----------|-------------------------|
| BY2-8GS | 136 - 144 MHz In Box |
| BY2-8GL | 144 - 160 MHz In Box |
| BY2-8GH | 160 - 175 MHz In Box |
| BY2-8GHH | 174- 188 MHz In Box |



H-Plane

