

BY2-3G

VHF 150 MHz Two element Yagi Antenna

BY2-3G is a 2 element Yagi antenna with 3 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

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| Antenna Type | 2-element Yagi Antenna |
| Frequency | L: 136 - 156 MHz H: 154- 175 MHz HH: 174 - 188 MHz |
| Bandwidth | L: 20 MHz H: 21 MHz HH: 14 MHz |
| Impedance | 50 Ohm |
| VSWR | <1.5:1 |
| Polarisation | Linear (Vertical or Horizontal) |
| Gain | 3.0 dBd, 5.15 dBi |
| Half-Power Beamwidth | E-Plane: 74° H-Plane: 172° |
| Front-To-Back Ratio | > 16 dB |
| Max. Input Power | 150 Watt |
| Antistatic Protection | Direct Ground |

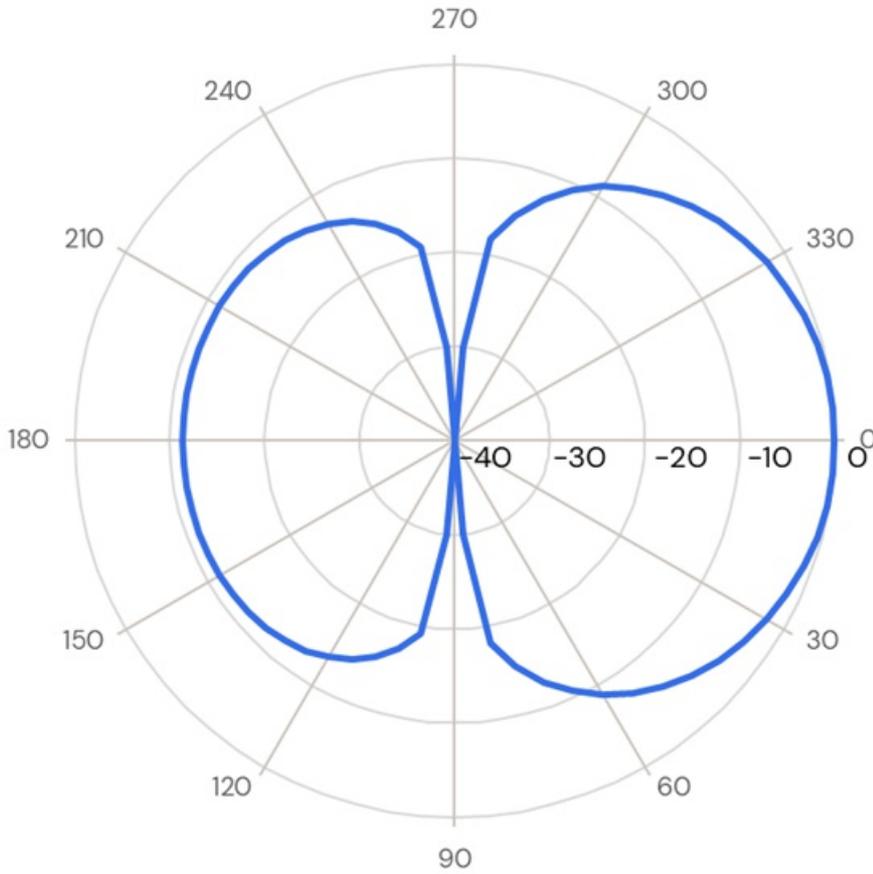
MECHANICAL SPECIFICATIONS

| | |
|---------------------|---|
| Color | Silvery white |
| Dimensions | 1100 x 1000 mm |
| Weight | 3.0 kg |
| Mount Type | Fixed Tube Bracket in Galvanized Iron (included - P05/01) |
| Mounting Place | On tube (Ø 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

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|----------|----------------------|
| BY2-3GL | In box (136-156 MHz) |
| BY2-3GH | In box (154-175 MHz) |
| BY2-3GHH | In box (174-188 MHz) |

E-Plane



H-Plane

