

BY500-12G

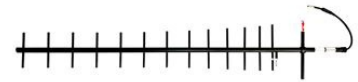
UHF 500 MHz Fourteen element Yagi Antenna

BY500-12G is a 14 element Yagi antenna with 12 dBd Gain.

- Low Loss and Wideband Gamma match.
- Radiating elements, supporting booms and adjoining metal castings are constructed in high quality aluminum to prevent corrosion.
- Television Broadcast channel bands: 21 - 29

ELECTRICAL SPECIFICATIONS

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|----------------------|---------------------------------|
| Antenna Type | 14-element Yagi Antenna |
| Frequency | 460 - 535 MHz |
| Bandwidth | 75 MHz |
| Impedance | 50 Ohm |
| VSWR | <1.5:1 |
| Polarisation | Linear (Vertical or Horizontal) |
| Gain | 12 dBd, 14.15 dBi |
| Half-Power Beamwidth | E-Plane: 46° H-Plane: 54° |
| Front-To-Back Ratio | > 20 dB |
| Max. Input Power | 150 Watt |



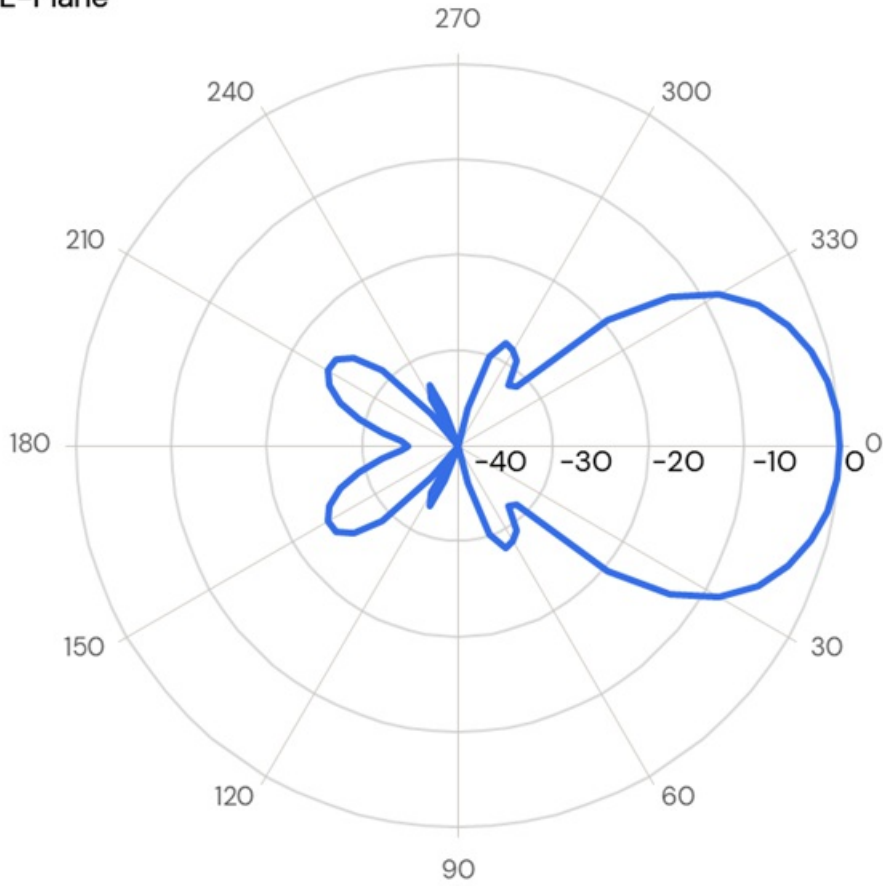
MECHANICAL SPECIFICATIONS

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|---------------------|--|
| Color | Black Grey (RAL7021) |
| Dimensions | 1950 x 355 mm |
| Weight | 3.0 kg |
| Mount Type | Fixed Tube Bracket in Galvanized Iron (included) |
| 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. 0.5 m RG213/U |
| Serial Number | On product label |

ORDERING INFORMATION

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|-----------|-------------------------|
| BY500-12G | 460 - 535 MHz In Box |
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E-Plane



H-Plane

