

## 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

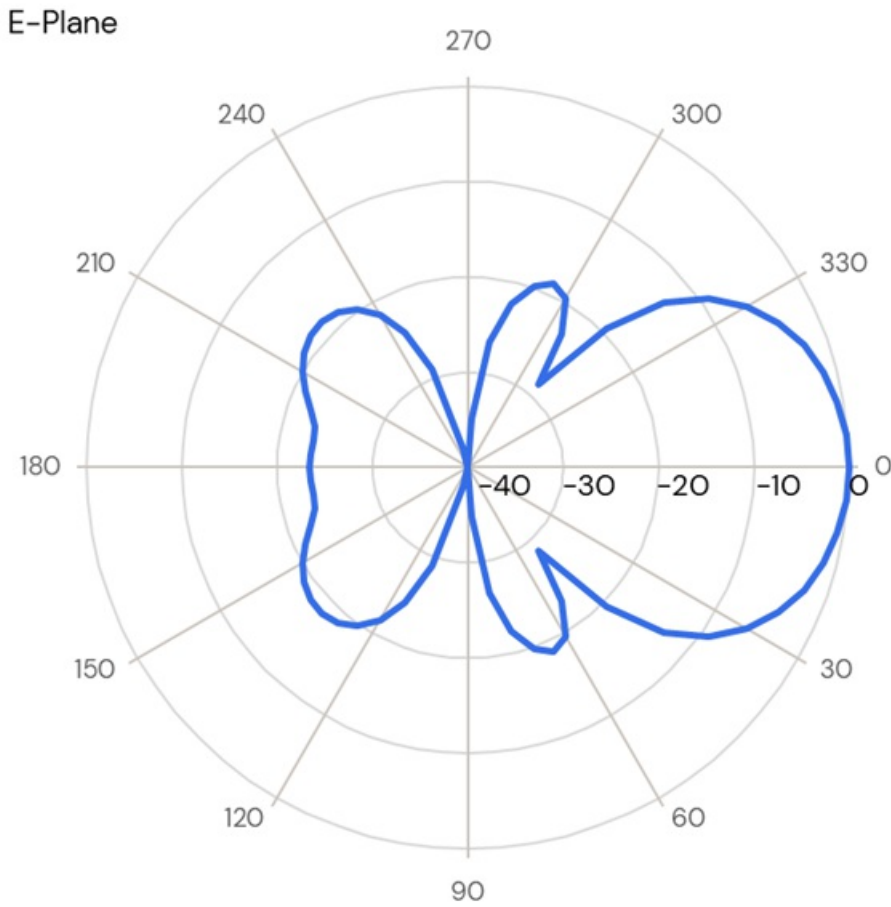
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## MECHANICAL SPECIFICATIONS

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 (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

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

