

BY4-6G

VHF Low 80 MHz Three element Yagi Antenna

BY4-6G is a 3 element Yagi antenna with 6 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	3-element Yagi Antenna
Frequency	L: 66-77 MHz H: 77-88 MHz
Bandwidth	11 MHz
Impedance	50 Ohm
VSWR	<1.5:1
Polarisation	Linear (Vertical or Horizontal)
Gain	6 dBd, 8.15 dBi
Half-Power Beamwidth	E-Plane: 68° H-Plane: 116°
Front-To-Back Ratio	> 16 dB
Max. Input Power	150 Watt
Antistatic Protection	Direct Ground

Datasheet

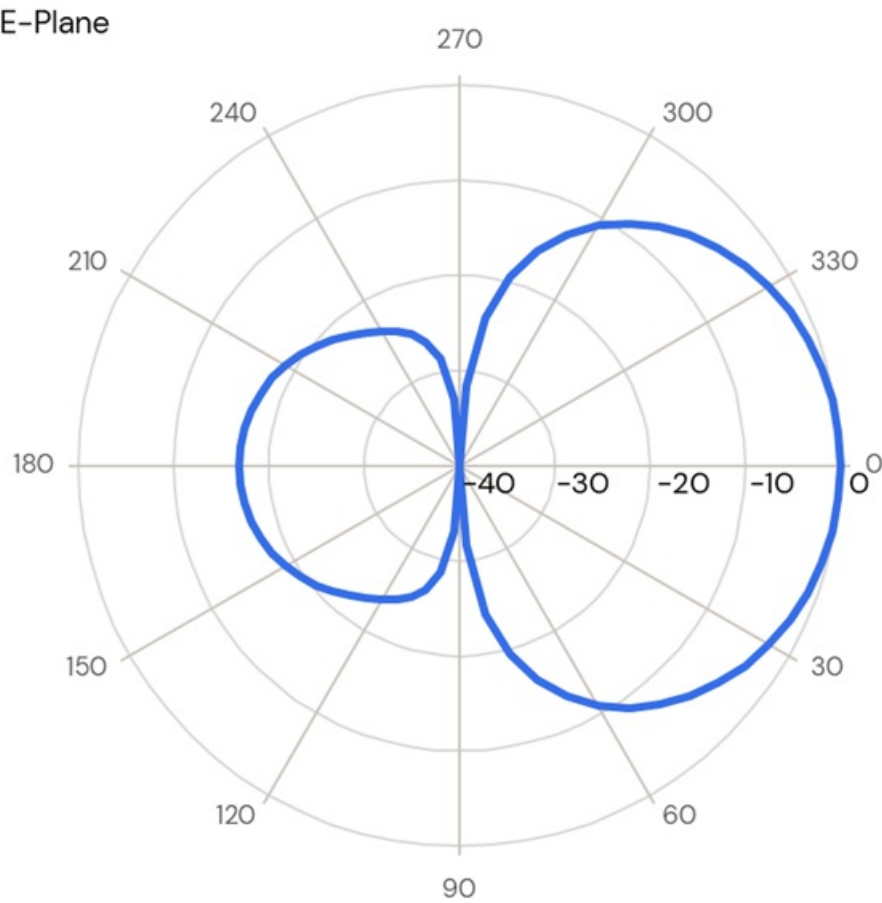
MECHANICAL SPECIFICATIONS

Color	Silvery white
Dimensions	2000 x 2120 mm
Weight	6.0 kg
Mount Type	Fixed Tube Bracket in Galvanized Iron (included)
Mounting Place	On tube (Ø 20 - 65 mm, vertical or horisontal)
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

BY4-6GL	66 - 76 MHz In Box
BY4-6GH	75 - 85 MHz In Box

Datasheet



H-Plane

