

# BY4-3G

## VHF Low 80 MHz Two element Yagi Antenna

BY4-3G 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

Antenna type	2-element Yagi Antenna
Frequency	L: 66 - 77 MHz M: 68 - 82 MHz H: 77 - 88 MHz
Bandwidth	L: 11 MHz M: 14 MHz H: 11 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: 70° H-Plane: 126°
Front-To-Back Ratio	> 16 dB
Max. Input Power	150 Watt
Antistatic Protection	Direct Ground



Datasheet

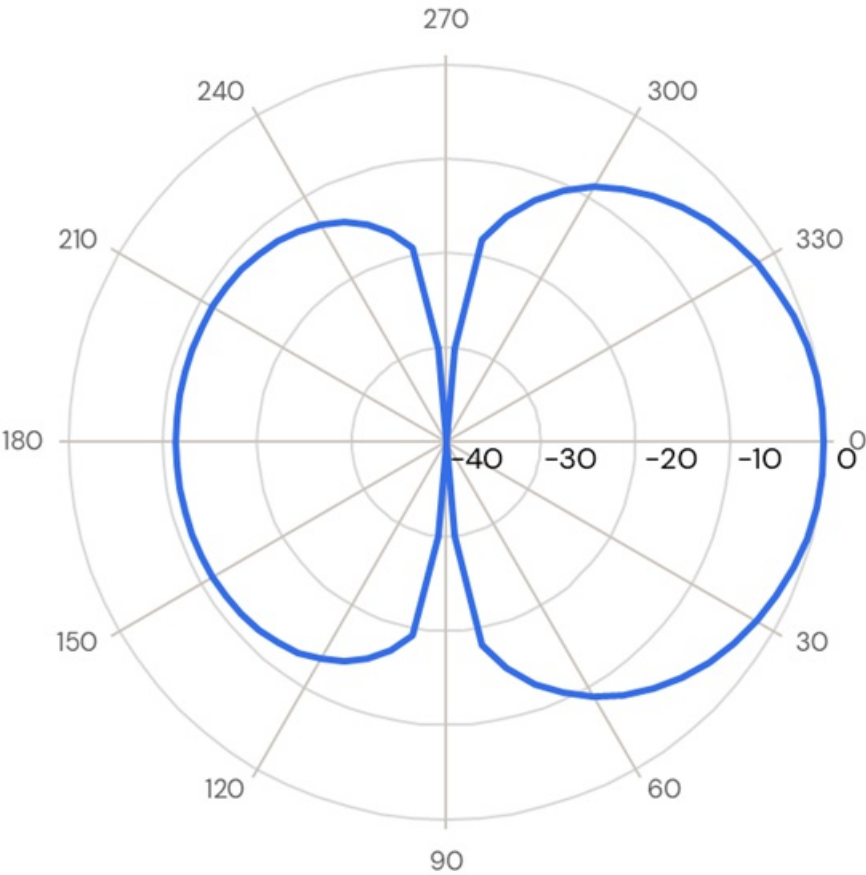
MECHANICAL SPECIFICATIONS

Color	Silvery white
Dimensions	2000 x 2110 mm
Weight	4.5 kg
Mount Type	Fixed Tube Bracket in Galvanised 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. 2.5 m RG213/U
Serial number	On product label

ORDERING INFORMATION

BY4-3GL	66 - 77 MHz In Box
BY4-3GM	68 - 82 MHz In Box
BY4-3GH	77 - 88 MHz In Box

E-Plane



H-Plane

