

# 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

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

Datasheet

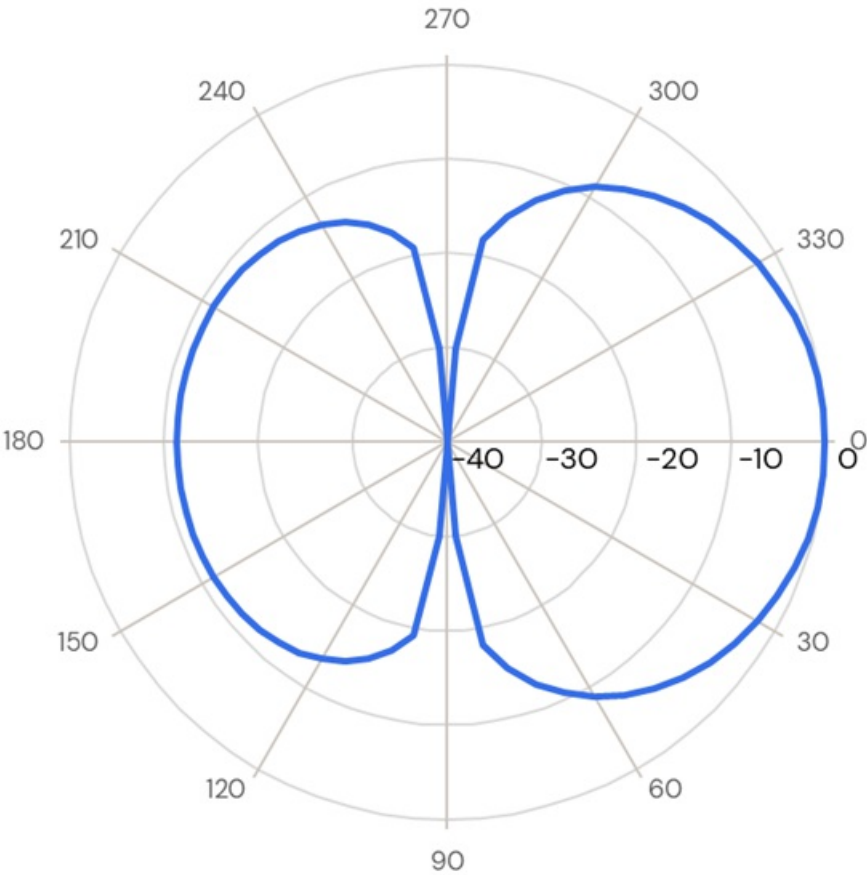
MECHANICAL SPECIFICATIONS

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 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

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

E-Plane



Datasheet

H-Plane

