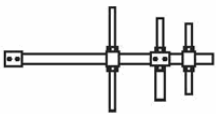


# BY300-5G

## UHF Low 350 MHz Three element Yagi Antenna

BY300-5G is a 3 element Yagi antenna with 5 dBd Gain.

- LowLoss and Wideband Gamma match.
- 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	BY300: 280- 330MHz BY360: 330- 380MHz
Bandwidth	50 MHz
Impedance	50 Ohm
VSWR	<1.5:1
Polarisation	Linear (Vertical or Horizontal)
Gain	5 dBd, 7.15 dBi
Half-Power Beamwidth	TBA
Front-To-Back Ratio	> 20 dB
Max. Input Power	150 Watt
Antistatic Protection	Direct Ground

### MECHANICAL SPECIFICATIONS

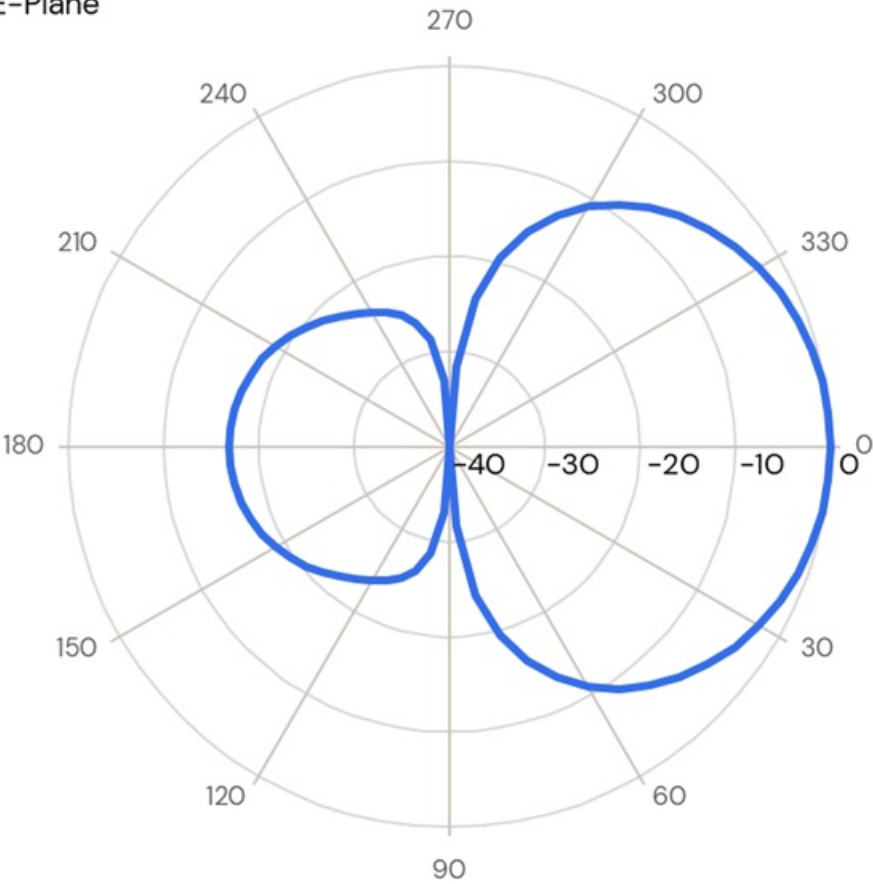
Color	Black Grey (RAL7021)
Dimensions	780 x 450 mm
Weight	2.2 kg
Mount Type	Fixed tube mounting bracket (included)
Mounting Place	On tube (Ø 20 - 65 mm, vertical or horizontal)
Survival Wind Speed	55 m/s
Connector	Type N-female
Pigtail	Approx. 0.5 m RG213/U
Serial Number	On product label

Datasheet

ORDERING INFORMATION

BY300-5G	280 - 330 MHz In box
BY360-5G	330 - 380 MHz In box

E-Plane



Datasheet

H-Plane

