

Datasheet

BD2-3G

VHF 3-5 dBd Stacked Dipole Antenna

Stacked Center Fed VHF Dipole Antenna for PMR radios, VHF Air Band, Public Safety, Amateur Radio and other applications.

- High quality VHF antenna for professional use
- Two stacked Center Fed Dipoles
- Directional radiation pattern, between 3 to 5 dBd
- No groundplane needed
- Mount included

ELECTRICAL SPECIFICATIONS

Frequency	118 - 137 MHz, 144 - 174 MHz (L/H)
Bandwidth	19 MHz , 30 MHz (L/H)
Antenna Type	Stacked Center Fed Dipole
Impedance	50 Ohm
VSWR	< 1.5:1
Polarisation	Vertical
Gain	3 dBd, 5.15 dBi (1/4 $\lambda$ distance to mast) 5 dBd, 7.15 dBi (3/8 $\lambda$ distance to mast)
Radiation Pattern	Omnidirectional (Horizontal)
Half Power Beamwidth	3/8 $\lambda$ distance to mast: E-Plane : 36° H-Plane: 180°
Max. Input Power	300 W
Antistatic Protection	Direct Ground
Front to Back Ratio	3/8 $\lambda$ distance to mast: 5 dB



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MECHANICAL SPECIFICATIONS

Color	Silvery white
Dimensions	Length: 3000 mm Width: 600 mm
Weight	Approx. 10 kg
Mount Type	Fixed Tube Mounting Bracket (included)
Mounting Place	On Mast (Ø 27 - 60 mm), mast included
Materials	rosion-resistant Aluminum (6063-T5), Polypropylene, Copper and PE
Survival Wind Speed	50 m/s
Operating Temperature	-50 °C to +85 °C
Connector	N-female
Cable	RG213/U
Serial No.	On product label

ORDERING INFORMATION

28301-003AIR	In box (118-137 MHz)
28301-003H	In box (144-174 MHz)

PACKAGING INFORMATION

Type	See "Part No."
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