

Datasheet

BD2-1G

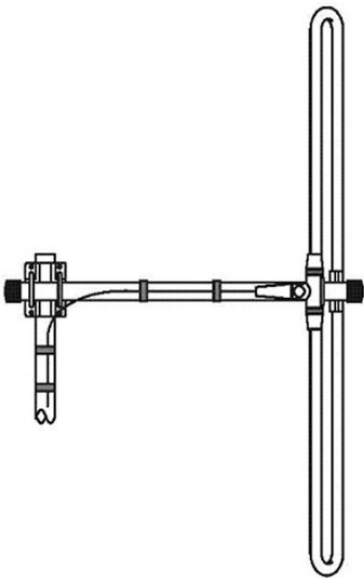
VHF 0 dBd Dipole Antenna - 160 MHz Band

Center Fed VHF Dipole Antenna for PMR radios, VHF Air Band and other applications.

- High quality VHF antenna for professional use
- Omni-directional radiation pattern
- No groundplane needed
- Mount included

ELECTRICAL SPECIFICATIONS

|                       |                                      |
|-----------------------|--------------------------------------|
| Antenna Type          | Center Fed Dipole                    |
| Frequency             | 118 - 138 MHz, 144 - 174 MHz (AIR/H) |
| Bandwidth             | 20 MHz , 30 MHz (AIR/H)              |
| Impedance             | 50 Ohm                               |
| VSWR                  | <1.5:1                               |
| Polarisation          | Linear (Vertical or Horizontal)      |
| Gain                  | 0 dBd, 2.15 dBi                      |
| Radiation Pattern     | Omnidirectional (Horizontal)         |
| Half Power Beamwidth  | E-Plane : 80°<br>H-Plane: 360°       |
| Max. Input Power      | 150 W                                |
| Antistatic Protection | Direct Ground                        |



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MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | Silvery white  |
| Dimesions             | Length: 1060mm , 800 mm (L/H)<br>Width: 600 mm                       |
| Weight                | 2700 g   |
| Mount Type            | Fixed Tube Mounting Bracket (included)                               |
| Mounting Place        | On Tube (Ø 27 - 60 mm, vertical or horizontal)                       |
| Materials             | Corrosion-resistant Aluminum (6063-T5), Polypropylene, Copper and PE |
| Survival Wind Speed   | 50 m/s   |
| Operating Temperature | -50 °C to +85 °C   |
| Connector             | N-female   |
| Pigtail               | Approx. 2.5 m RG213/U  |
| Serial No.            | On product label   |

ORDERING INFORMATION

|              |                      |
|--------------|----------------------|
| 28001-003AIR | In box (118-138 MHz) |
| 28001-003H   | In box (144-174 MHz) |

PACKAGING INFORMATION

|      |                |
|------|----------------|
| Type | See "Part No." |
|------|----------------|