

Datasheet

BD4-3G

VHF 3-5 dBd Stacked Dipole Antenna

Stacked Center Fed VHF 80 MHz 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 3 dBd
- No groundplane needed
- Mount included

ELECTRICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Frequency | 66-77 MHz, 77-88 MHz (L/H) |
| Bandwidth | 11 MHz |
| Antenna Type | Stacked Center Fed Dipole |
| Impedance | 50 Ohm |
| VSWR | < 1.5:1 |
| Polarisation | Vertical |
| Gain | 3 dBd, 5.15 dBi (1/4 λ distance to mast) |
| Radiation Pattern | Omnidirectional (Horizontal) |
| Half Power Beamwidth | 3/8 λ distance to mast: E-Plane : 36° H-Plane: 180° |
| Max. Input Power | 300 W |
| Antistatic Protection | Direct Ground |
| Front to Back Ratio | 3/8 λ distance to mast: 5 dB |



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MECHANICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Color | Silvery white |
| Dimensions | Length: 6000 mm Width: 1500 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

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|------------|--------------------|
| 28300-003L | In box (66-77 MHz) |
| 28300-003H | In box (77-88 MHz) |

PACKAGING INFORMATION

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