

# BD70-1G

## UHF 0 dBd Dipole Antenna - 450MHz Band

Center fed UHF Dipole antenna for PMR radios and other applications.

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



## ELECTRICAL SPECIFICATIONS

|                       |                                   |
|-----------------------|-----------------------------------|
| Antenna Type          | Center Fed Dipole                 |
| Frequency             | 375- 475 MHz, 440 - 512 MHz (L/H) |
| Bandwidth             | 100 MHz , 72MHz (L/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                     |

## Datasheet

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## MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | Dark Grey (RAL 7021)   |
| Dimesions             | Length: 600 mm<br>Width: 320 mm                                      |
| Weight                | 2.6 kg   |
| 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. 0.5 m RG213/U  |
| Serial No.            | On product label   |

## ORDERING INFORMATION

|            |                      |
|------------|----------------------|
| 28004-003L | In box (375-475 MHz) |
| 28004-003H | In box (440-512 MHz) |

## PACKAGING INFORMATION

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