

# 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° H-Plane: 360°
Max. Input Power	150 W
Antistatic Protection	Direct Ground

Datasheet

MECHANICAL SPECIFICATIONS

Color	Dark Grey (RAL 7021)
Dimesions	Length: 600 mm Width: 320 mm
Weight	1.9 kg (incl. brackets)
Mount Type	Fixed Tube Mounting Bracket (included - P05/01)
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."
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