

# BD70-3G

## UHF 3-5 dBd Stacked Dipole Antenna

Stacked Center Fed UHF Dipole Antenna for PMR radios and other applications.

- High quality UHF 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	375 - 475 MHz, 440 - 512 MHz (L/H)
Bandwidth	100 MHz , 72 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	Directional
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: 7 dB



## Datasheet

2 / 2

## MECHANICAL SPECIFICATIONS

Color	Dipoles: Dark Grey (RAL 7021) Mast: Silvery White
Length	1300 mm
Weight	Approx. 8 kg
Mount Type	Fixed Tube Mounting Bracket (included)
Mounting Place	On Mast (Ø 27 - 60 mm), mast included
Materials	Corrosion-resistant Aluminum (6063-T5)
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

28304-003L	In box (375-475 MHz)
28304-003H	In box (440-512 MHz)

## PACKAGING INFORMATION

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