

# BC70-7G

## UHF 450 MHz 7 dBd Omni Base Station Antenna

This meticulously constructed base station antenna with integrated multipurpose mounting bracket comes with a generous bandwidth which reduces the need for multiple antennas both in stock and on installation sites.

- No groundplane needed

### ELECTRICAL SPECIFICATIONS

Antenna Type	Broadband Co-linear
Frequency	375 - 475 MHz
Bandwidth	14 MHz - Customer defined center frequency
Impedance	50 ohm
VSWR	<1.5:1
Polarisation	Vertical
Gain	7.0 dBd, 9.15 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	16°
Max. Input Power	150 Watt
Antistatic Protection	Direct Ground



## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	White and Silver
Length	4.2 m
Weight	6.0 kg
Mount type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included.
Mounting Place	On vertical mast tube; Ø 30 - 60 mm
Materials	Brass, Copper, Fibreglass and Aluminium
Survival Wind Speed	45 m/s
Operating Temperature	-50 °C to +70 °C
Connector	Type N-female
Ingress protection	IP66
Serial no.	On product label

## ORDERING INFORMATION

BC70-7G	375 - 475 MHz Customer defined center frequency Individually packing in Carton tube
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## PACKAGING INFORMATION

Type	See "Part No."
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