

# BC70-5G

## UHF 450 MHz 5 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	350 - 475 MHz
Bandwidth	8 to 10 MHz - Customer defined center frequency
Impedance	50 Ohm
VSWR	<1.5:1
Polarisation	Vertical
Gain	5.0 dBd, 7.15 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	15°
Max. Input Power	150 Watt
Antistatic Protection	Direct Ground



Datasheet

MECHANICAL SPECIFICATIONS

Color	White and Silver
Length	2.95 m
Weight	5 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

BC70-5G	350 - 475 MHz Customer defined center frequency Individually packing in Carton tube
---------	---

PACKAGING INFORMATION

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