

BC70-1G

UHF 450 MHz Unity Gain 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	BC70-1GT: 380 - 430 MHz BC70-1G: 400 - 475 MHz
Bandwidth	BC70-1GT: 50 MHz BC70-1G: 75 MHz
Impedance	50 Ohm
VSWR	<1.5:1
Polarisation	Vertical
Gain	0 dBd, 2.15 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	80°
Max. Input Power	150 Watt
Antistatic Protection	Direct Ground



Datasheet

MECHANICAL SPECIFICATIONS

Color	White and Silver
Length	BC70-1GT: 0.80 m BC70-1G: 0.85 m
Weight	BC70-1GT: 3.2 kg BC70-1G: 3.0 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

BC70-1GT	380 - 430 MHz Individually packing in Carton tube
BC70-1G	400 - 475 MHz Individually packing in Carton tube
BC70-1GH	500 - 600 MHz Individually packing in Carton tube

PACKAGING INFORMATION

Type	See "Part No."
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