

# BC2-1G

## VHF 150 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	Half Wave Dipole
Frequency	BC2-1GL: 118 - 136 MHz BC2-1GM: 130 - 144 MHz BC2-1GH: 144 - 174 MHz BC2-1GH/H: 170 - 200 MHz
Bandwidth	BC2-1GL: 18 MHz BC2-1GM: 14 MHz BC2-1GH: 30 MHz BC2-1GH/H: 30 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	BC2-1GL/M: 2.0 m BC2-1GH: 1.7 m BC2-1GH/H: 1.7 m
Weight	BC2-1GL: 5.5 kg BC2-1GM: 3.5 kg BC2-1GH: 5.0 kg BC2-1GH/H: 4.5 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	-50C to +70C
Connector	Type N-female
Ingress protection	IP66
Serial no.	On product label

ORDERING INFORMATION

BC2-1GL	118 - 136 MHz Individually packing in Carton tube
BC2-1GM	130 - 144 MHz Individually packing in Carton tube
BC2-1GH	144 - 174 MHz Individually packing in Carton tube
BC2-1GH/H	170 - 200 MHz Individually packing in Carton tube

PACKAGING INFORMATION

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