

BC2-3G

VHF 150 MHz 3 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	138-174 MHz - please find specification under "Ordering information" X-version 136-174 MHz - factory adjusted
Bandwidth	6 to 7 MHz - Customer defined center frequency
Impedance	50 Ohm
VSWR	<1.5:1
Polarisation	Vertical
Gain	3 dBd, 5.15 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	30°
Max. Input Power	150 Watt
Antistatic Protection	Direct Ground



Datasheet

2 / 3

MECHANICAL SPECIFICATIONS

Color	White and Silver
Length	3.6 m
Weight	5.5 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	55 m/s
Operating Temperature	-50 °C to +70 °C
Connector	Type N-female
Ingress protection	IP66
Serial no.	On product label

ORDERING INFORMATION

BC2-3G/141	BC2-3G 138-144 MHz 3 dBd / 5,1 dBi
BC2-3G/144	BC2-3G 141-147 MHz 3 dBd / 5,1 dBi
BC2-3G/147	BC2-3G 144-150 MHz 3 dBd / 5,1 dBi
BC2-3G/150	BC2-3G 147-153 MHz 3 dBd / 5,1 dBi
BC2-3G/153	BC2-3G 150-156 MHz 3 dBd / 5,1 dBi
BC2-3G/156	BC2-3G 153-159 MHz 3 dBd / 5,1 dBi
BC2-3G/159	BC2-3G 156-162 MHz 3 dBd / 5,1 dBi
BC2-3G/162	BC2-3G 159-165 MHz 3 dBd / 5,1 dBi
BC2-3G/165	BC2-3G 162-168 MHz 3 dBd / 5,1 dBi
BC2-3G/168	BC2-3G 165-171 MHz 3 dBd / 5,1 dBi
BC2-3G/171	BC2-3G 168-174 MHz 3 dBd / 5,1 dBi
BC2-3G/X	BC2-3G/X 136-174 MHz 3 dBd / 5,1 dBi Factory-adjusted / BW6-7 MHz

PACKAGING INFORMATION

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