Datasheet

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



Scan-Antenna

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

Datasheet

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

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

Scan-Antenna®

Datasheet

PACKAGING INFORMATION

Туре

See "Part No."

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.