

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

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| 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 |



MECHANICAL SPECIFICATIONS

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| 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

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|------------|---|
| 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

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