Datasheet

BC70-5G

UHF 450 MHz 5 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 | 350 - 475 MHz |
| Bandwidth | 8 to 10 MHz - Customer defined center frequency |
| Impedance | 50 Ohm |
| VSWR | < 1.5:1 |
| Polarisation | Vertical |
| Gain | 5.0 dBd, 7.15 dBi |
| Radiation Pattern | Omni Directional (Horizontal) |
| Half Power Beamwidth | 15° |
| Max. Input Power | 150 Watt |
| Antistatic Protection | Direct Ground |



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MECHANICAL SPECIFICATIONS

| Color | White and Silver |
|--------------------------|--|
| Length | 2.95 m |
| Weight | 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 | -50 °C to +70 °C |
| Connector | Type N-female |
| Ingress protection | IP66 |
| Serial no. | On product label |

ORDERING INFORMATION

350 - 475 MHz BC70-5G Customer defined center frequency Individually packing in Carton tube

PACKAGING INFORMATION

Туре

See "Part No."

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