

# BC440-6G/30

## UHF 420-450 MHz 6 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

|                       |                               |
|-----------------------|-------------------------------|
| Type                  | Broadband Co-linear           |
| Frequency             | 420 - 450 MHz                 |
| Bandwidth             | 30 MHz                        |
| Impedance             | 50 Ohm                        |
| VSWR                  | <1.5:1                        |
| Polarisation          | Vertical                      |
| Gain                  | 6.0 dBd, 8.15 dBi             |
| Radiation Pattern     | Omni Directional (Horizontal) |
| Half Power Beamwidth  | 16°                           |
| Max. Input Power      | 150 W                         |
| Antistatic Protection | Direct Ground                 |



## Datasheet

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## MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | White and Silver   |
| Length                | 2300 mm  |
| Weight                | 8.0 kg   |
| Mount Type            | Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. |
| Mounting Place        | On vertical mast tube; Ø 45 - 65 mm                                      |
| Materials             | Brass, PVC, Copper, Fibreglass and Aluminium                             |
| Survival Wind Speed   | 45 m/s   |
| Operating Temperature | -30 °C to +70 °C   |
| Connector             | Type N-female  |
| Ingress Protection    | IP65   |
| Serial No.            | On product label   |

## ORDERING INFORMATION

|             |                                     |
|-------------|-------------------------------------|
| BC440-6G/30 | Individually packing in Carton tube |
|-------------|-------------------------------------|

## PACKAGING INFORMATION

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