

BC225-450G

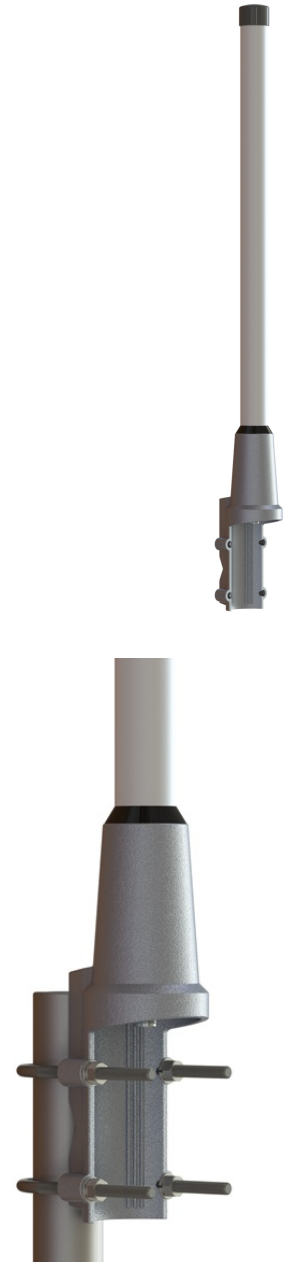
Broadband Unity Gain Omni Base Station Antenna for 225-450 MHz

BC225-450G is a unity gain omnidirectional base station antenna offering supreme bandwidth, VSWR below 2.0 up to 86% of the specified band

- The antenna is sealed in a high-quality glass fiber tube.
- The connection cable can be led either on the outside or along the inside of the mast tube.
- Antenna is DC-grounded at connector.
- Suitable for Aviation band (Airband) applications

ELECTRICAL SPECIFICATIONS

| | |
|-----------------------|------------------------------|
| Type | Broadband Half Wave Dipole |
| Frequency | 225 - 450 MHz |
| Bandwidth | 225 MHz |
| Impedance | 50 Ohm |
| VSWR | <2.5:1 |
| Polarisation | Vertical |
| Gain | 0 dBd, 2.15 dBi |
| Radiation Pattern | Omnidirectional (Horizontal) |
| Half Power Beamwidth | 80° |
| Max. Input Power | 200 W |
| Antistatic Protection | Direct Ground |



Datasheet

2 / 2

MECHANICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Color | White and Silver |
| Length | 855 mm |
| Weight | 1.75 kg |
| Mount Type | Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included. |
| Mounting Place | On vertical mast tube; \varnothing 30 - 60 mm |
| Materials | Brass, Copper, PVC, 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

| | |
|--------------|-------------------------------------|
| BC225-450G-A | Individually packing in Carton tube |
|--------------|-------------------------------------|

PACKAGING INFORMATION

| | |
|--------|----------------|
| Type | Carton Tube |
| Size | Approx. 1.0 m |
| Weight | Approx. 2.0 kg |

