

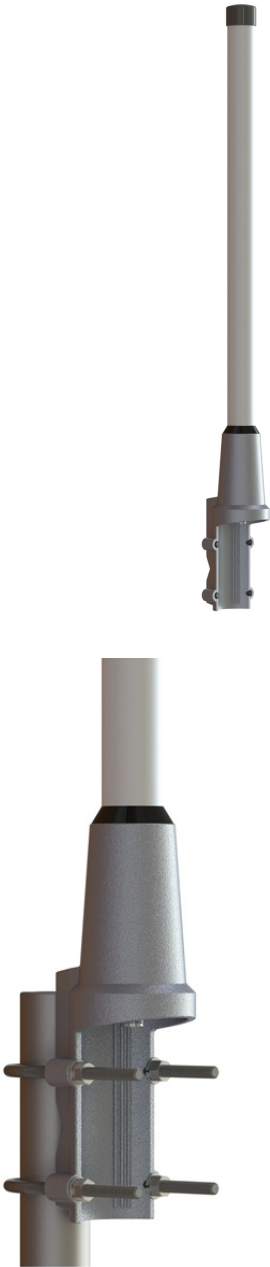
# BC225-450G

## 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

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; Ø 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
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PACKAGING INFORMATION

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

