

BC225-450G

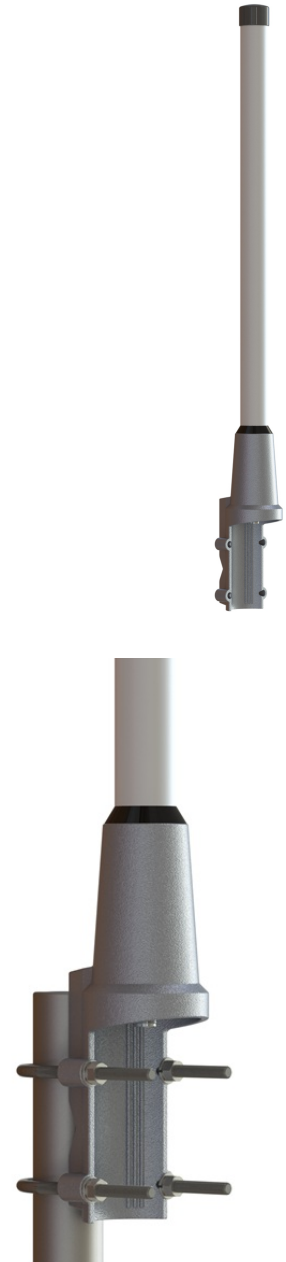
Broadband Unity Gain Omni Base Station Antenna for 225-450 MHz

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



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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
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PACKAGING INFORMATION

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

