

RST700 ANTENNA

The Beam Active GPS Antenna RST700 is designed predominantly for maritime applications.

Beam Mast GPS Antenna Active RST700



The RST700 antenna is supplied complete with a PVC pipe, 30cm (12 inches) that enables it to be securely mounted without the connector being exposed to the environment. The Beam Active GPS Antenna RST700 is fitted with a SMA female connector and will work with all Beam tracking products or other GPS based devices.

KEY FEATURES

- Weatherable Polymer
- Designed for harsh environments
- Includes mounting Bracket & Poll
- SMA Connector
- Manufactured in the USA
- 12 month repair or replacement warranty

APPLICATIONS



Technical Specifications

GENERAL		
Polarization	Right Hand Circular	
Axial Ratio	1.5dB Max	
Amplifier	< 1.5 : 1	
Noise Figure	2.5dB Max	
Impedance	50 Ohms	
VSWR	≤ 2.0 : 1	
Band Rejection	30dB @ 1535 MHz 60dB @ 1615 MHz	
Power handling	1 Watt (including in-band)	
Altitude	16,764m/55,000ft	
FREQUENCY		
Iridium	1575 ± 10MHz	
ENVIRONMENTAL		
Temperature	Degrees °C	Degrees °F
Operating	-55° to +85°	-67° to 185°
PHYSICAL		
Colour	White	
Finish	Weatherable Polymer	
Dimensions	mm	inches
Antenna	80.5 H x 76.2 Dia	3.17 H x 3 Dia
Weight	kgs	lbs
Antenna	0.2	0.5
CONNECTOR		
GPS	SMA Female	

Accessories

RST942	Iridium Beam GPS Cable Kit - 6m/19.7ft
RST929	Iridium Beam GPS Cable Kit - 9m/29.5ft
RST923	Iridium Beam GPS Cable Kit - 12m/39.4ft
RST927	Iridium Beam GPS Cable Kit - 20m/65.6ft
RST941	Iridium Beam GPS Cable Kit - 30m/98.4ft