

RST702 ANTENNA

The Beam RST702 is a dual mode all in one Iridium and GPS antenna, designed predominantly for maritime applications.

Iridium Beam Mast Dual Mode Antenna RST702



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

KEY FEATURES

- Iridium approved
- Weatherable Polymer
- Designed for harsh environments
- SMA connectors
- Very low profile
- Manufactured in the USA
- 12 month repair or replacement warranty

APPLICATIONS



Technical Specifications

GENERAL		
Antenna	Iridium	GPS
Polarization	Right Hand Circular	Right Hand Circular
Axial Ratio	3dB Max at boresight	3dB Max at boresight
Amplifier Gain	Passive	L1: 26dB (35mA)
Voltage	Passive	L1: 3 VDC
Noise Figure	2.5dB Max	2.5dB Max
Impedance	50 Ohms	50 Ohms
VSWR	≤ 2.0 : 1	≤ 2.0 : 1
Power Handling	10 Watts	
FREQUENCY		
Iridium	1621 ± 5MHz	
GPS	1575 ± 5MHz	
ENVIRONMENTAL		
Temperature	Degrees °C	Degrees °F
Operating	-40 to +71	-40 to +160
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	0.127	0.28
CONNECTORS		
Iridium	SMA Female	
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
RST932	Iridium Beam Passive Antenna Cable Kit - 6m/19.7ft
RST930	Iridium Beam Passive Antenna Cable Kit - 9m/29.5ft
RST933	Iridium Beam Passive Antenna Cable Kit - 12m/39.4ft
RST935-RST936	Iridium Beam Passive Antenna Cable Kit - 20-30m/65.6-98ft