

# RST710 ANTENNA

The Iridium Pole Mount Antenna RST710 is designed for Maritime and fixed site based applications. Designed to work with Iridium based devices.

## Iridium Beam Mast/Pole Antenna RST710



The antenna is omnidirectional and therefore makes it an easy installation in any location. The antenna is supplied with both straight pole mounting or right angle brackets depending on the installation location. The antenna has a recessed TNC female connector to make the cable connection inside the antenna and protected from harsh environments.

### KEY FEATURES

- Iridium approved
- Designed for harsh environments
- Small and lightweight
- Weatherable polymer
- Manufactured in the USA
- 12 month repair or replacement warranty

### APPLICATIONS



MARITIME



FIXED SITE



TRANSPORT

### Technical Specifications

GENERAL		
Polarization	Right Hand Circular	
Axial Ratio	3.0dB Max at bore sight	
Impedance	50 Ohms	
VSWR	≤ 2.0 : 1	
Power handling	10 Watts	
Altitude	6,000m/20,000ft	
FREQUENCY		
Iridium	1616 - 1626 MHz	
ENVIRONMENTAL		
Extreme rain exposure	37 mm/10 min; 145 mm/24 h	
Extreme snow exposure	3,0kN/m2	
Wind	35m/s	
Temperature	Degrees °C	Degrees °F
Operating	-55 to +85	-67 to +185
PHYSICAL		
Colour	White	
Finish	Weatherable Polymer	
Dimensions	mm	inches
Antenna	76.2 W x 162.31 H	3.0 W x 6.39 H
Box	320 x 90 x 95	12.6 x 3.54 x 3.74
Weight	kgs	lbs
Antenna	0.311	0.687
Box	0.78	1.72
CONNECTOR		
Iridium	TNC Female	

### Accessories

RST931	Iridium Beam Passive Antenna Cable Kit - 3m/9.8ft
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	Iridium Beam Passive Antenna Cable Kit - 20m/65.6ft
RST936	Iridium Beam Passive Antenna Cable Kit - 30m/98ft