

RST202 ANTENNA

The Beam RST202 is a dual mode all in one Iridium and GPS antenna, designed predominantly for maritime applications.

Beam Mast/Pole/Rail Mount Dual Mode Antenna RST202



KEY FEATURES & BENEFITS

- Iridium approved
- Dual Mode Iridium / GNSS (GPS/QZSS/Galileo)
- Best suited for Maritime applications
- Designed for tough weather conditions (IP68)
- Mounts on any US-style Mounting Bracket with 1"-14NF threaded stud (not supplied)
- 12-Month Warranty

Accessories

RST930	Iridium Beam Passive Antenna Cable Kit - 9m/29.5ft
RST931	Iridium Beam Passive Antenna Cable Kit - 3m/9.8ft
RST932	Iridium Beam Passive Antenna Cable Kit - 6m/19.7ft
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
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
RST942	Iridium Beam GPS Cable Kit - 6m/19.7ft

APPLICATIONS



MARITIME



BUILDING



BOAT

Technical Specifications

PHYSICAL		
Colour	White (Non-Glossy)	
Material	ABS	
Mounting Type	Magnetic	
Dimensions	mm	inches
Antenna (D x H)	Ø 95 x 150 (191 mounting base included)	Ø 3.7 x 6 (7.5 mounting base included)
Box (L x W x H)	127 x 290 x 102	5 x 11.4 x 4
Weight	kg	lb
Antenna	0.91 (Inc bracket)	2
Box	1.05	2.3
ENVIRONMENTAL		
Temperature	Degrees °C	Degrees °F
Operating and Storage	-40 to +70	-40 to +158
IP Rating	IP68	
GENERAL		
Antenna	Iridium	GNSS
Frequency	1616 -1626.5 MHz	1575MHz
Polarization	Right Hand Circular	RHCP
Axial Ratio	< 6 dB	NA
Gain	2 dBic	25 dB (LNA Gain)
Voltage	Passive	3 VDC – 5.5 VDC
Current	Passive	20 mA
Noise Figure	1.2 dB	1.2 dB
Impedance	50 Ohm	50 Ohm
VSWR	< 1.5	NA
Fly Leads	TNC(m)/TNC(f) 350mm LTR195	SMA(m)/SMA(f) 500mm RG316
Cable	No cables supplied – see cable accessories	No cables supplied – see cable accessories
CONNECTORS		
Iridium	TNC-F	
GNSS	SMA-F	
Fly Lead – Iridium	TNC-M to TNC-F	
Fly Lead – GNSS	SMA-F to SMA-M	



www.beamcommunications.com
© 2020 Beam Communications Pty Ltd

