

RST705 ANTENNA

The Beam RST705 is a dual mode all in one compact Iridium and GPS magnetic patch antenna, designed for vehicular applications. Designed to work with Beam tracking products and can work with other Iridium/GPS based devices. The RST705 Magnetic Mount antenna is designed to be very low profile.

Iridium Beam Magnetic Dual Mode Antenna RST705



With a strong magnetic mount, the antenna is very easy to install and move from asset to asset and doesn't require any holes to be drilled for fitting. Included is 6m of both Iridium and GPS antenna cable, making the RST705 a very cost effective and easy to use solution.

KEY FEATURES

- Iridium approved
- Designed for harsh environments
- Small and lightweight
- Dual mode GPS/Iridium
- Magnetic mount, no need to drill holes
- Manufactured in the USA
- Includes 6m of both GPS & Iridium antenna cable attached
- 12 month repair or replacement warranty

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: 3VDC
Noise Figure	2.5dB Max	2.5dB Max
Impedance	50 Ohms	50 Ohms
VSWR	≤ 2.0 : 1	≤ 2.0 : 1
Altitude	6,000m/20,000ft	6,000m/20,000ft
Cable	Includes 6m or 19.7ft of LMR240	
FREQUENCY		
Iridium	1616 - 1626MHz	
GPS	1575.42 ± 5MHz	
ENVIRONMENTAL		
Temperature	Degrees °C	Degrees °F
Operating	-40 to +70	-40 to +158
PHYSICAL		
Colour	White	
Finish	Base - Aluminum Radome - High Impact, white	
Dimensions	mm	inches
Antenna	87.3 x 55.6 x 26.4	3.44 x 2.19 x 1.04
Box	210 x 210 x 90	8.27 x 8.27 x 3.54
Weight	kgs	lbs
Antenna (inc. cables)	0.63	1.39
Box	0.707	1.56
CONNECTORS		
Iridium	TNC Male	
GPS	SMA Male	

APPLICATIONS



TRANSPORT



MINING



CARAVANS