RST250 ANTENNA

The Beam RST250 Magnetic Dual Mode Antenna (Lightweight) delivers reliable Iridium network access designed to work with both voice and data communications systems.

Beam Magnetic Dual Mode Antenna (Lightweight) RST250

The Beam RST250 Magnetic Dual Mode Antenna (Lightweight) is designed for land-based vehicular applications or in locations where a temporary antenna installation may be required. The RST250 antenna is designed for lightweight land-based vehicles.

KEY FEATURES & BENEFITS

- Iridium Approved
- Dual Mode Iridium / GNSS (GPS/QZSS/Galileo)
- Small and Lightweight
- Magnetic Mount
- Designed for vehicles in tough weather conditions (IP67)
- Ground Plane Independent
- Includes 5m of both GPS & Iridium antenna cables attached
- 12-Month Warranty

Technical Specifications

PHYSICAL		
Colour	Black	
Material	ABS	
Mounting Type	Magnetic	
Dimensions	**mm**	**inches**
Antenna (D x H)	80 x 74 x 15.7	3.15 x 3 x 0.5
Box (L x W x H)	165 x 150 x 84	6.5 x 6 x 3.3
Weight	**kg**	**lb**
Antenna	0.27	0.60
Box	0.36	0.80
ENVIRONMENTAL		
Temperature	**Degrees °C**	**Degrees °F**
Operating and Storage	-40 to +85	-40 to +185
IP Rating	IP67	
GENERAL		
Antenna	Iridium	GNSS
Frequency	1616 -1626.5 MHz	1575.42 ± 5MHz
Polarization	Right Hand Circular	Right Hand Circular
Axial Ratio	3dB Max	NA
Amplifier Gain	Passive	28 @ 2.7 V
Voltage	Passive	1.5VDC - 3.6VDC
Current	Passive	9 @ 2.7 V
Noise Figure	Passive	1.8 @ 2.7 V
Impedance	50 Ohms	50 Ohms
VSWR	~1.2:1	<=1.4:1 dB
Cable	5m of DACAR 302	5m of DACAR 302
CONNECTORS		
Iridium	TNC-Male	
GNSS	SMA-Male	

APPLICATIONS

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