

# RST205 ANTENNA

The Beam RST205 Magnetic Dual Mode Antenna (Heavy Duty) delivers reliable Iridium network access, design to work with both voice and data communication systems.

## Beam Magnetic Dual Mode Antenna (Heavy Duty) RST205



The RST205 is designed for land based vehicular applications or in locations where a temporary antenna installation may be required. The RST205 antenna is ideal for use on heavy duty, land-based vehicles.

### KEY FEATURES & BENEFITS

- Iridium Approved
- Dual Mode Iridium / GNSS (GPS/QZSS/Galileo)
- Magnetic Mount
- Designed for vehicles in tough weather conditions (IP67, IP69K)
- Heavy Duty (IK09)
- Ground Plane Independent
- Includes 5m of both GPS & Iridium antenna cables attached
- 12-Month Warranty

### Technical Specifications

PHYSICAL		
Colour	Black	
Material	Black	
Mounting Type	Magnetic	
<b>Dimensions</b>	<b>mm</b>	<b>inches</b>
Antenna (D x H)	Ø 135.5 x 30.0	Ø 5.3 x 1.18
Box (L x W x H)	165 x 150 x 84	6.5 x 6 x 3.3
<b>Weight</b>	<b>kg</b>	<b>lb</b>
Antenna	0.61	1.34
Box	0.70	1.50
ENVIRONMENTAL		
<b>Temperature</b>	<b>Degrees °C</b>	<b>Degrees °F</b>
Operating and Storage	-40 to +85	-40 to +185
IP Rating	IP67, IP69K, IK09	
GENERAL		
Antenna	Iridium	GNSS
Frequency	1616 -1626.5 MHz	1575.42 ± 5MHz
Polarization	Right Hand Circular	Right Hand Circular
Axial Ratio	3dB Max	3dB Max
Amplifier Gain	Passive	28dB (2.7VDC)
Voltage	Passive	1.5VDC - 3.6VDC
Current	Passive	9mA (2.7VDC)
Noise Figure	NA	1.8 dB (2.7VDC)
Impedance	50 Ohms	50 Ohms
VSWR	~1.2:1	<=1.4:1 dB
Cable	5m of DACAR 302	5m of DACAR 100
CONNECTORS		
Iridium	SMA-M (with SMA-F to TNC-M Adapter)	
GNSS	SMA-M	

### APPLICATIONS



4WD



TRUCK



MINING

