

# RST706 ANTENNA

The dual mode all in one Iridium and GPS WHIP Antenna (RST706) is designed for vehicular or fixed site applications.

## Iridium Beam Whip Dual Mode Antenna RST706



### Technical Specifications

GENERAL		
Antenna	Iridium	GPS
Polarization	Right Hand Circular	Right Hand Circular
Axial Ratio	3dB Max at boresight	3dB Max
Impedance	50 Ohms	50 Ohms
VSWR	≤ 2.0 : 1	≤ 2.0 : 1
Power Handling	10 Watts	1 Watt
Amplifier Gain	-	26 ± 2dB
Voltage	-	3.3 VDC (35mA)
Noise Figure	-	2.5dB Max
Altitude	6,000m/20,000ft	6,000m/20,000ft
Cable	Includes 5m or 16.4ft of LMR240	
FREQUENCY		
Iridium	1616 – 1626 MHz	
GPS	1575 ± 10 MHz	
ENVIRONMENTAL		
Temperature	Degrees °C	Degrees °F
Operating	-40 to +85	-40 to +185
PHYSICAL		
Colour	Black	
Finish	Weatherable Polymer	
Dimensions	mm	inches
Antenna	772.16 H x 38.1 Dia	30.4 H x 1.5 Dia
Box	870 x 190 x 65	34.25 x 7.48 x 2.56
Weight	kgs	lbs
Antenna	0.8	1.76
Box	1.3	2.87
CONNECTORS		
Iridium	SMA Male	
GPS	SMA Male	

The whip design provides for increased roofline clearance and is designed to be extremely flexible in its installation options, from bull bars, roof racks or pole mounts. The antenna includes 5m of both Iridium and GPS antenna cable, making the RST706 a very cost effective solution.

#### KEY FEATURES

- Iridium approved
- Designed for harsh environments
- Dual mode Iridium/GPS
- Manufactured in the USA
- Includes 5m of both Iridium & GPS antenna cable attached
- 12 month repair or replacement warranty

#### APPLICATIONS



TRANSPORT



MINING



4W DRIVE