

RST706B ANTENNA

The dual mode all in one Iridium and GPS Whip Antenna (RST706B) is designed for vehicular applications.

Iridium Beam Whip Dual Mode Antenna RST706B



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 RST706B a very cost-effective solution.

KEY FEATURES

- Iridium approved
- Designed for vehicles in tough conditions
- Dual mode GPS/Iridium
- Manufactured in Australia
- Includes 5m of both GPS & Iridium antenna cable attached
- 12 month repair or replacement warranty

APPLICATIONS



TRANSPORT



CARS



4W DRIVE

Technical Specifications

GENERAL		
Antenna	Iridium	GPS
Polarization	Right Hand Circular (RHCP)	Right Hand Circular (RHCP)
Axial Ratio	3dB at boresight	3dB
Impedance	50 Ohms	50 Ohms
VSWR	≤ 2:1	≤ 2:1
Power Handling	10 Watts	1 Watt
Amplifier Gain	5dBi	26 ± 2dB
Noise Figure		2.5dB Max
DC grounding	Yes	Yes
Cable	Includes 5m or 16.4ft of LMR240UF	Includes 5m or 16.4ft of RG316
ENVIRONMENTAL		
Temperature	Degrees °C	Degrees °F
Operating	-40 to +85	-40 to +185
PHYSICAL		
Colour	Black	
Material	Black fiberglass radome, black finish aluminium ferrules, 304 stainless steel 'barrel' spring, external coaxial cables and terminations	
Mounting requirements	Minimum M12 hole	
Dimensions	mm	inches
Antenna	800 H	31.5 H
Weight	kgs	lbs
Antenna	2.7	5.9
CONNECTORS		
Iridium	TNC Male	
GPS	SMA Male	
FREQUENCY		
Iridium	1616 – 1626 MHz	
GNSS (GPS)	1575 ± 10 MHz	