ZIR-1626-RC-GPS

Heavy-duty spring base, satellite communications + GPS collinear 1616-1626MHz + GNSS (GPS) 1575MHz

Australian manufactured in East Gippsland

Build To Order

The ZIR- 1626-RC-GPS is specifcally designed and manufactured for 1616-1626.5MHz satellite phone communications and GPS 1575 MHz requirements.

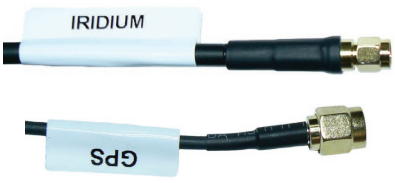
For the best possible performance, clear line of site to the sky without any obstructions is required. Obstructions such as trees, buildings or overhangs will reduce performance.

Mounting hardware, adaptors, connectors and other installation accessories are all available separately.

Construction	Black fibreglass radomes, black finish aluminium ferrules, 304 stainless steel 'barrel' spring, external coaxial cables and terminations
Frequency ranges	Iridium: 1616-1626.5MHz GNSS GPS: 1575MHz
Bandwidth	Iridium: 10.5MHz GNSS GPS: +/- 10MHz
Tuning	Factory
VSWR	<2:1
Axial ratio - maximum	Iridium: 3dB at boresight GNSS GPS: 3dB
Maximum power	Iridium: 10 Watts GNSS GPS: 1 Watts
Gain	Iridium: 5dBi GNSS GPS: Amplified 26dB +/- 2dB
Noise Figure	Iridium: - GNSS GPS: 2.5dB - maximum
Impedance	50 Ohms
Polarisation	Iridium: Right-hand circular (RHCP) GNSS GPS: Right-hand circular (RHCP)
H Plane	-15° to +60°
DC grounding	Yes
Connector	Iridium: TNC male GNSS GPS: SMA male
Cable	Iridium: 5.0 metres LMR240UF™ GNSS GPS: 5.0 metres RG316
Height	800mm
Weight	2.7kg
Mounting requirements	Minimum M12 hole for mounting
Mounting position recommended	As high on your vehicle or structure as possible with clear line of site with sky and no obstructions such as other antennas, trees or infastructure.
Operating temperature	-40°C ~ + 85°C

Satellite Communications compatible

GPS compatible



SMA male fitted as standard or specify requirements

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