

**New Product**

Australian  
manufactured  
in  
East Gippsland

## ZIR-1626-RC-F

### Flange Mount Satellite Phone Communications 1616-1626MHz

  
**Build  
To  
Order**

The ZIR-1626-RC-F is specifically designed and manufactured for 1616-1626.5MHz satellite phone communications.

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.

Coaxial cable assemblies, adaptors and other installation accessories are all available separately.



Construction	Black fibreglass radome, grey delrin mount flange and recessed SMA termination
Frequency range	Satellite phone communications 1616-1626.5MHz
Bandwidth	Full frequency range
Tuning	Factory
VSWR	<2:1
Maximum power	25 Watts
Gain	5 dBi
Impedance	50 Ohms
Polarisation	Right-hand circular
H Plane	-15 to +60°
DC grounding	Yes
Connector	SMA female bulkhead recessed in base of flange
Height	270mm
Weight	800grams
Projected area	0.005m <sup>2</sup>
Wind load at 160kph	0.006kN, 0.648kg
Operating temperature	-15°C to +65°C
Mounting hardware order separate	Grey delrin flange mount fitted to base requires 4 x M5 counter-sunk head screws or M5 bolts
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 infrastructure. Ensure adequate waterproofing installed around flange base.



Recessed SMA female on under-side of flange base

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## Flange Mount Satellite Phone Communications 1616-1626MHz

  
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Suitable feeder coaxial cable



RG142B/U silver plated solid centre conductor, PTFE dielectric coaxial cable  
P/N 7823-3

Available in 300m roll or alternatively request a custom cable assembly



SMA male crimp connector for RG142 PTFE dielectric coaxial cable  
P/N 8204

Sucoplated



MIL-SPEC RG58 low loss, solid core coaxial cable  
P/N 7839

Available in 100m, 300m roll or alternatively request a custom cable assembly



SMA male crimp connector for MIL-SPEC RG58 coaxial cable  
P/N 7963-7

Gold plated



RU240-UF low loss, ultra flexible, stranded core coaxial cable  
P/N 7876-2

Available in per metre, 500m roll or alternatively request a custom cable assembly



SMA male crimp connector for RU240-UF coaxial cable  
P/N 8211

Gold plated