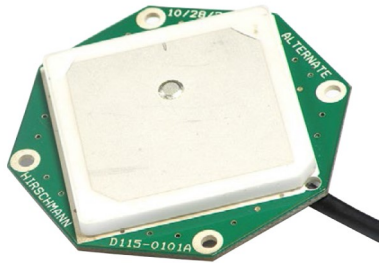


HIRSCHMANN MOBILITY

IRIDIUM Embedded Antenna

IRD PC S/series
Pt. no.
956-311-1..



- For use in telematic applications
- Low profile (10 mm height)
- Adhesive or screw mount
- Customization of cable lengths, types and connectors possible

Subject to alterations

1. Technical data

Dimensions	52mm x 52mm x 7mm
Weight	
Temperature range	N/A
Protection class	N/A
IRIDIUM	
Frequency range	1616 - 1626.5 MHz
Impedance	50 Ohm
VSWR	≤ 1.8
Gain	3 dBic ¹
Polarization	RHCP
Axial ratio	< 4 dB
Load capacity	8 W
Lightning protection	DC grounded
Cable	Various available - customization on demand
Connector	Various available - customization on demand

¹ dBic: referenced to an isotropic radiator, circular polarization

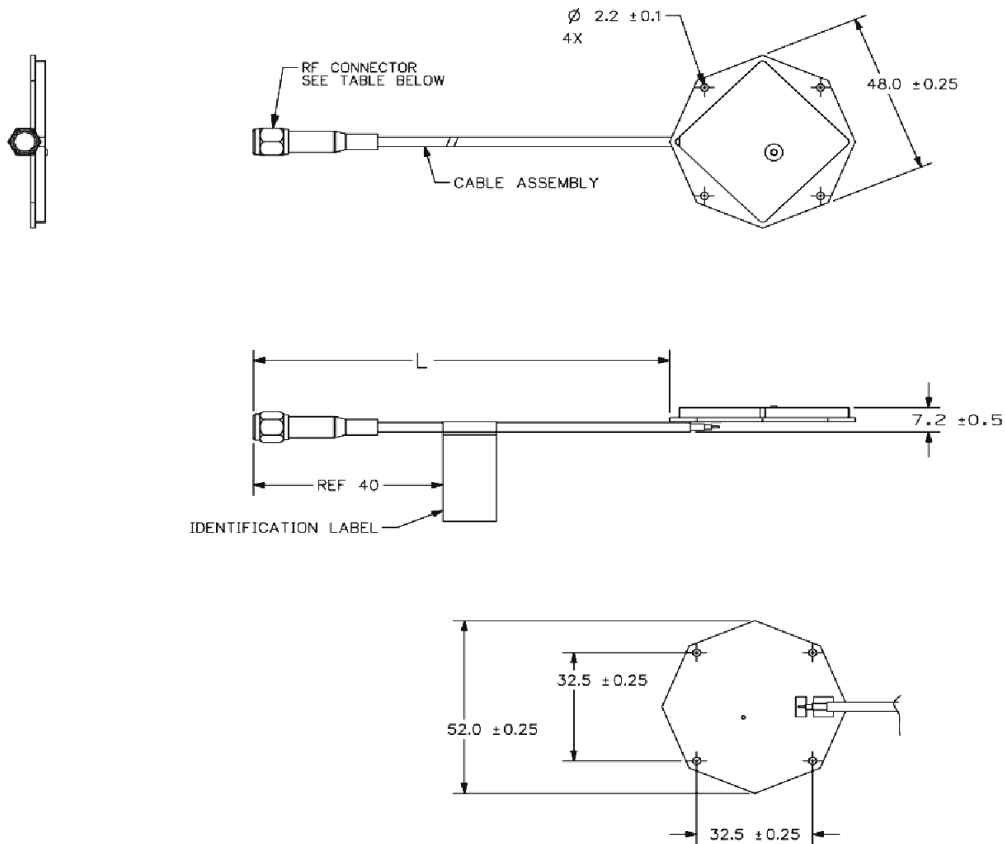
2. Product Family

Order Code	Cable (length)	Connector	Remark
	IRIDIUM	IRIDIUM	
Versions	L	C	
956-311-101	150 mm	SMA male	Cable RG174LL, ROHS
956-311-102	500 mm	SMA male	Cable RG174LL, ROHS

Customization of cable lengths, types and connectors possible.

Subject to alterations

3. Technical Drawings



4. Mounting example and procedure

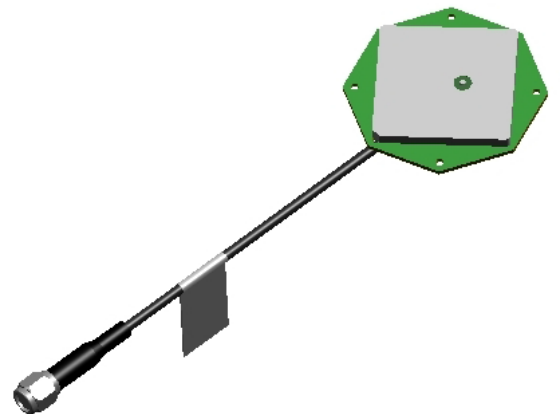
Vehicle roof mounting

Mounting requirements and restrictions

- Choose appropriate mounting location on flat surface
- Place antenna in desired mounting location (do not apply adhesive pad yet); route and connect cables
- Clean mounting place with isopropyl alcohol or similar
- Apply adhesive pad to antenna bottom when installing antenna on top of surface
- Mount antenna on conductive or non-conductive surface.

Attention

Some automotive materials may not be suitable for adhesive application.



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