

# Dual Iridium S67-1575-365 (A)



## Description

**S67-1575-365(A):** TSO C-159a approved, dual element Iridium antenna. The antenna provides full Iridium coverage from 1616 MHz to 1626.5 MHz.

The dual element design provides the capability to connect two Iridium devices to the antenna with one antenna installation. Two TNC female connectors are provided. The special molded radome provides superior protection against rain, ice and lightning strikes. The antenna is hermetically sealed and DC grounded.

The S67-1575-365(A) has been approved as Iridium Compatible Equipment (ICE).

**FEDERAL & MILITARY SPECS:** TSO-C159a, DO-160D/E/G, DO-262A, MIL-HDBK-5400, MIL-STD-810C/D and SAE ARP5416.

## Specifications

### Electrical

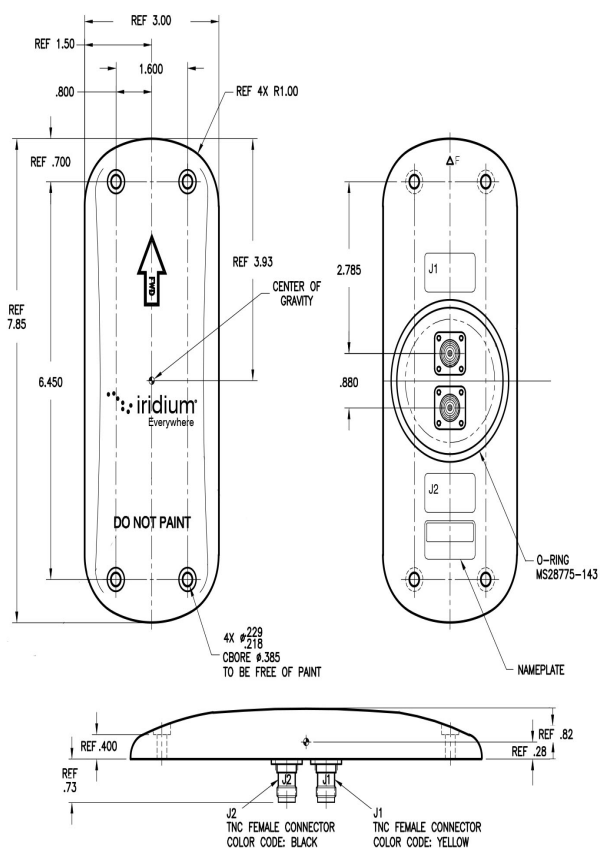
Frequency	1616 - 1626.5 MHz
VSWR	$\leq 1.8:1$
Gain	$> 3.0$ dB @ Zenith
Polarization	RHCP
Impedance	50 $\Omega$
Power	J1/J2: 60 Watts
Isolation, J1 to J2	$> 25$ dB @ 1616 - 1626.5 MHz
Axial Ratio	$< 3$ dBic @ Zenith

### Mechanical

Weight	10 oz.
Height	.82 in.
Length	7.85 in.
Width	3.00 in.
Material	6061-T6 Aluminum Alloy / Thermoset Plastic
Finish	Skydrol-resistant Polyurethane Enamel
Connector	TNC Female

### Environmental

Temperature	-62°C (-80°F) to +95°C (+203°F)
Altitude	-100 to 70,000 ft.



Please Note: For REFERENCE ONLY  
Contact Sensor Systems for latest drawing



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Website: [www.sensorantennas.com](http://www.sensorantennas.com)



Phone: 818-341-5366