

# QUAD Iridium/GPS S67-1575-195



## DESCRIPTION

**S67-1575-195:** Low profile QUAD Iridium antenna designed to provide up to four independent channels of Iridium Voice and Data Communications in continuous hemispherical coverage via TNC female connectors.

The Iridium antennas are contained in a sturdy structure covered by a frequency transparent radome that provides enhanced protection against rain, ice and lightning strikes. The antenna is qualified for high-speed military and commercial aircraft.

The S67-1575-195 has been approved as Iridium Compatible Equipment (ICE).

**FEDERAL & MILITARY:** TSO C159c, MIL-STD-810D, MIL-HDBK-5400, DO-262C, and D0-160D/G.

SPECIFICATIONS	
<b>MODEL</b>	<b>S67-1575-195</b>
<b>ELECTRICAL</b>	
<b>Frequency</b>	1616.0 - 1626.5 MHz
<b>VSWR</b>	≤ 1.8:1
<b>Polarization</b>	RHCP
<b>Gain</b>	-1 dB: Min. @ Zenith
<b>Impedance</b>	50 Ohms
<b>Power Handling</b>	10 Watts
<b>Axial Ratio</b>	≤ 3.0 dB @ Zenith
<b>Lightning Protection</b>	DC Grounded
<b>MECHANICAL</b>	
<b>Weight</b>	1.9 lbs.
<b>Material</b>	6061-T6 Aluminum / Thermoset Plastic
<b>Finish</b>	Skydrol Resistant Polyurethane Enamel
<b>Connector</b>	TNC Female (4x)
<b>ENVIRONMENTAL</b>	
<b>Temperature</b>	-55°C (-67°F) to +70°C (+158°F)
<b>Altitude</b>	55,000 ft.

