

Iridium S67-1575-410



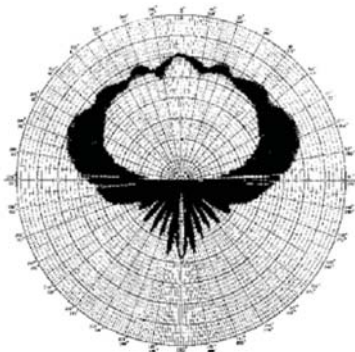
DESCRIPTION

S67-1575-410: Iridium antenna with a frequency range of 1616 MHz to 1626.5 MHz for world-wide Iridium system operations. This antenna supports FOI (FANS over Iridium). It is designed with a low-profile, molded radome that ensures superior protection against lightning strikes, rain and ice. This rugged antenna is DC grounded and hermetically sealed. It qualifies for high-speed military aircraft.

The S67-1575-410 has been approved as Iridium Compatible Equipment (ICE).

FEDERAL & MILITARY SPECS: FAA TSO C159c, DO-160C/D/E, DO-262B, MIL-HDBK-5400, and MIL-STD-810C/D.

RADIATION PATTERN



SPECIFICATIONS	
ELECTRICAL	
Frequency	1616.0 - 1626.5 MHz
VSWR	≤ 1.5:1
Polarization	RHCP
Gain, weighted avg.	-2 dBic min.
Impedance	50 Ohms
Power Handling	60 Watts Continuous
Axial Ratio	≤ 2.5 dB @ Zenith
Lightning Protection	DC Grounded
MECHANICAL	
Weight	6 oz.
Height	.66 in.
Diameter	3.50 in.
Material	6061-T6 Aluminum Alloy/Thermoset Plastic
Finish	Skydrol Resistant Polyurethane Enamel
Connector	TNC Female
ENVIRONMENTAL	
Temperature	-55°C (-67°F) to +85°C (+185°F)
Altitude	55,000 ft.

