

Iridium 9770/Passive S67-1575-414

PRELIMINARY



SPECIFICATIONS

ELECTRICAL	
Frequency	1616.0-1626.5 MHz
VSWR	≤ 1.5:1
Polarization	RHCP
Impedance	50 Ω
Power	60 Watts
MECHANICAL	
Weight	13 oz.
Diameter	3.50 in.
Material	6061-T651 Aluminum Alloy/Thermoset Plastic
Finish	Skydrol Resistant Polyurethane Enamel
Connector	TNC Female
ENVIRONMENTAL	
Temperature	-55°C (-67°F) to +70°C (+158°F)
Altitude	55,000 ft.

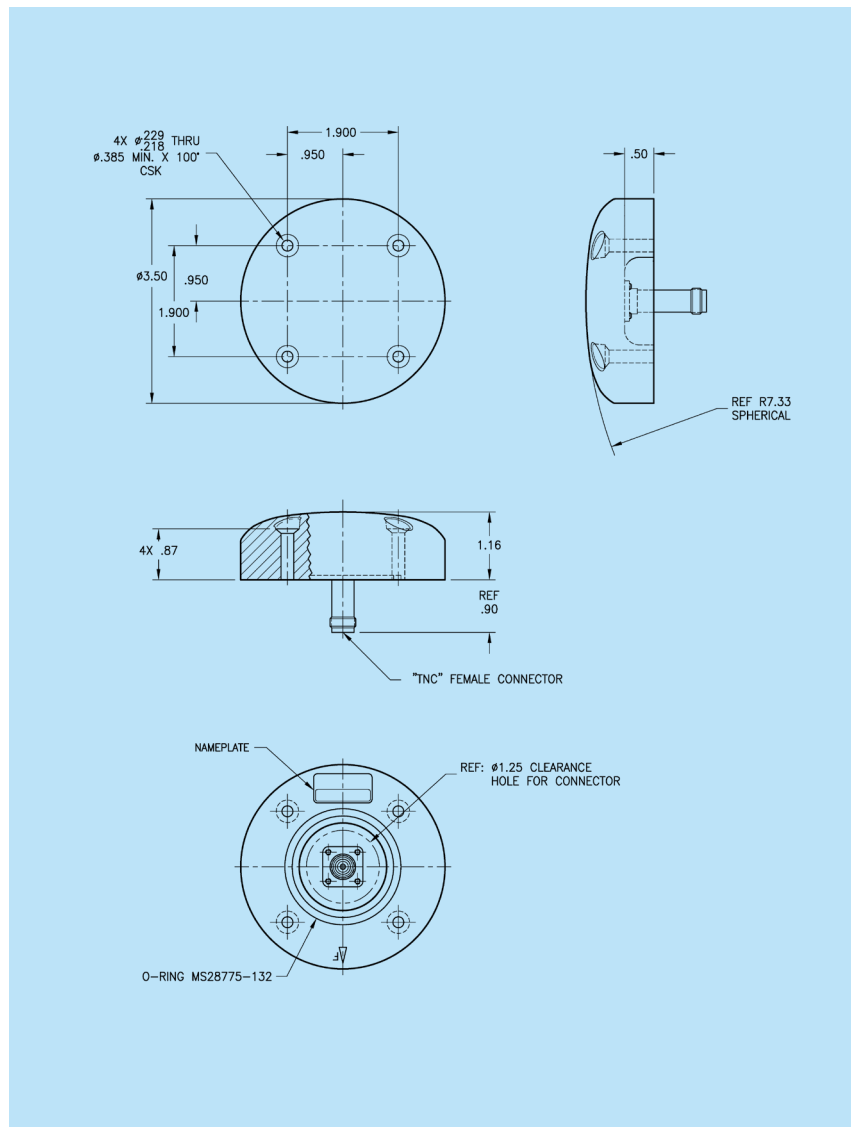
DESCRIPTION

S67-1575-414: This passive antenna was designed to interface with the Iridium Certus 9770 voice and data receiver. The antenna operates on the L-Band network at speeds that range from 22 kbps to 88 kbps. The antenna, when paired with a Certus 9770 transceiver, has the capability of making audio and video transmissions 35 times faster than other receivers.

The S67-1575-414 antenna is a direct mounting replacement for Sensor Systems' legacy Iridium antennas, S67-1575-109 and S67-1575-409.

The antenna will be fully DO-160G environmentally compliant.

FEDERAL & MILITARY SPECS: FAA TSO C159d, DO-160E/G, DO-262C, MIL-HDBK-5400 and SAE ARP 5416.



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