



DESCRIPTION

S67-1575-164: Low profile dual-band active antenna provides continuous Tx band coverage from 1610 to 1626.5 MHz. The RX band of 2483.5 to 2500 MHz features a +29 dB LNA with special filtering, the internal voltage regulator accepts a DC bias of +3.3 to +28VDC through the coax connector.

FEDERAL & MILITARY SPECS: D0-160C, MIL-C-5541, MIL-E-5400, MIL-STD-810, TSO C129a.

SPECIFICATIONS

**GLOBALSTAR
S67-1575-164**

ELECTRICAL

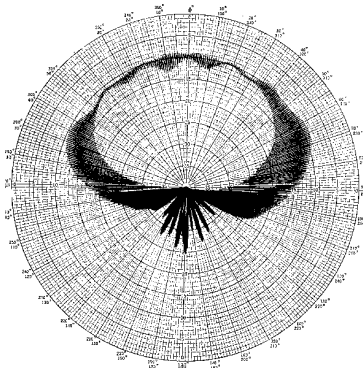
Frequency	
J1 Tx	1610 - 1626.5 MHz
J2 RX	2483.5 - 2500 MHz
VSWR	2.0:1
Polarization	LHCP
Impedance	50 ohms
Power Handling	
J1 Tx	60 watts
J2 Rx	1 watt
Gain	≤ 3.0 dB @ Zenith
Gain (Preamplifier)	29 dB ± 1.5 dB
Lightning Protection	DC grounded

MECHANICAL

Weight	16 oz.
Height88 in.
Length	7.85 in.
Width	3.0 in.
Material	6061-T6 aluminum
Finish	Skydrol resistant enamel
Connectors	TNC Female (2)

ENVIRONMENTAL

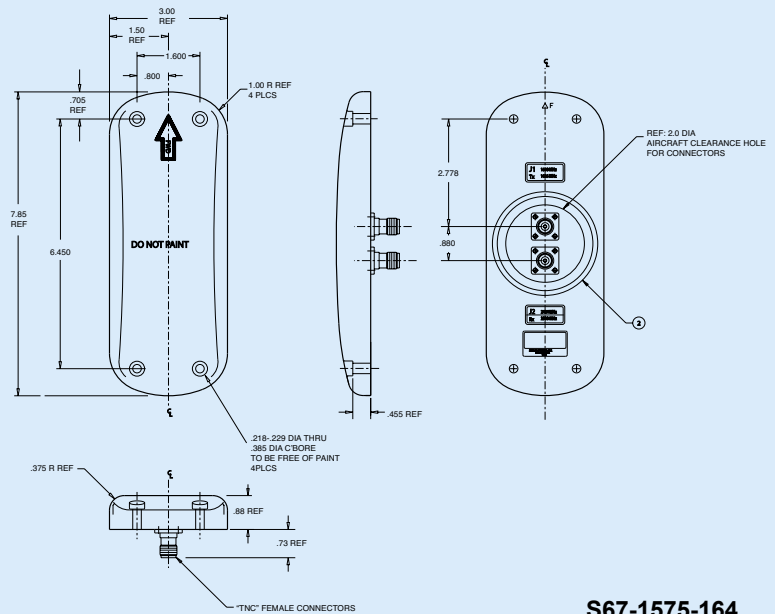
Temperature	-67° F to +185° F
Vibration	10 G's
Altitude	55,000 ft.



TYPICAL RADIATION PATTERN

**1610 - 1626.5 MHz
2483.5 - 2500 MHz**

OUTLINE DRAWING



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