

L1/L2 GPS FRPA/M-CODE S67-1575-714



DESCRIPTION

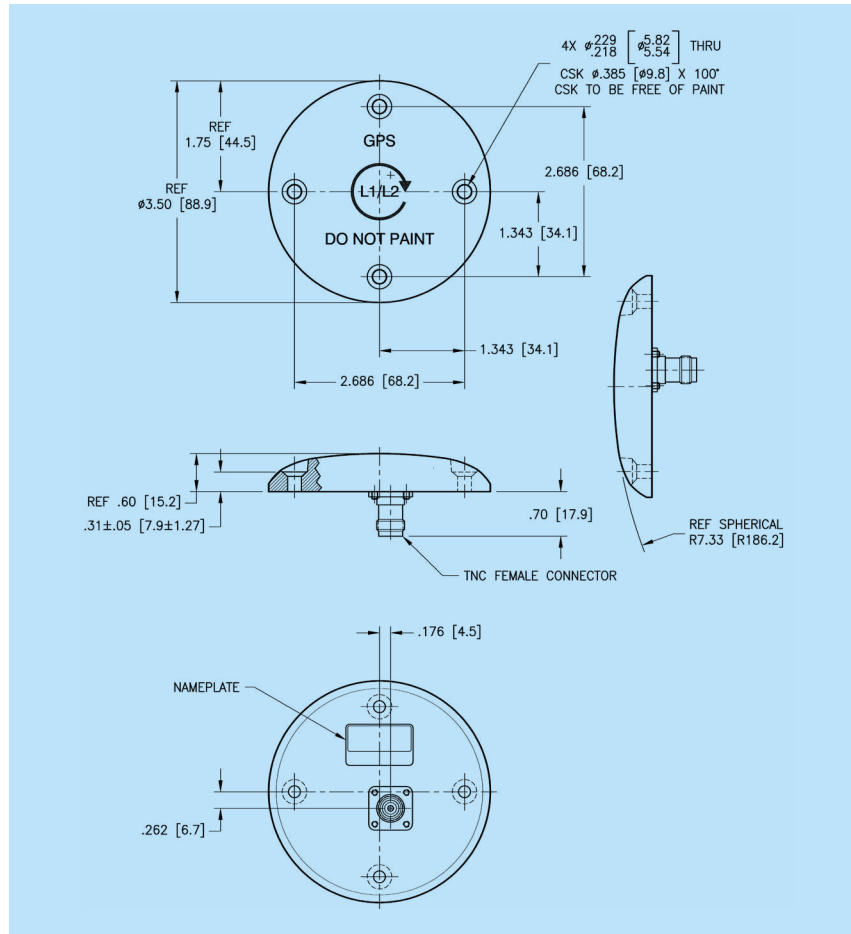
S67-1575-714: Dual-band L1/L2 passive GPS antenna with a VSWR of 2.0:1. Spherical radius molded radome provides enhanced protection against rain, ice and lightning strikes.

Qualified for high speed military aircraft and dual frequency surveying applications. The dual-band GPS antenna is capable of receiving the M-CODE, C/A and Y Legacy Codes.

FEDERAL & MILITARY SPECS: RTCA DO-160G, DO-228, MIL-HDBK-5400, and SAE ARP5416.

SPECIFICATIONS

ELECTRICAL	
Frequency	1575±12 MHz (L1) 1227±12 MHz (L2)
VSWR	≤ 2.0:1
Gain	> -1 dBic @ Zenith
Polarization	RHCP
Impedance	50 Ω
Power	1 Watt
Axial Ratio	≤ 3.0 dB @ Zenith
Lightning Protection	DC Grounded
MECHANICAL	
Weight	6 oz
Height	.60 in.
Diameter	3.50 in.
Material	Aluminum Alloy 6061-T6/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



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