

# Altimeter Antenna S67-2002-28



## Description

**S67-2002-28:** Flush-mounted radio altimeter antenna designed to provide improved performance as well as to reduce size and weight. Small size provides ease of installation in a wide variety of airframes and ARINC applications, including military and general aviation. Hermetically-sealed; mounts with four 10-32 screws. Interchangeable with Collins, Honeywell, Bendix, Sperry and TRT Systems.

**FEDERAL & MILITARY SPECS:** FAA TSO-C87a, EASA ETSO-C87a, ARINC 707/552, MIL-E-5400, MIL-E-5272C, RTCA DO-160G, and ED-30 EUROCAE.

## Specifications

### Electrical

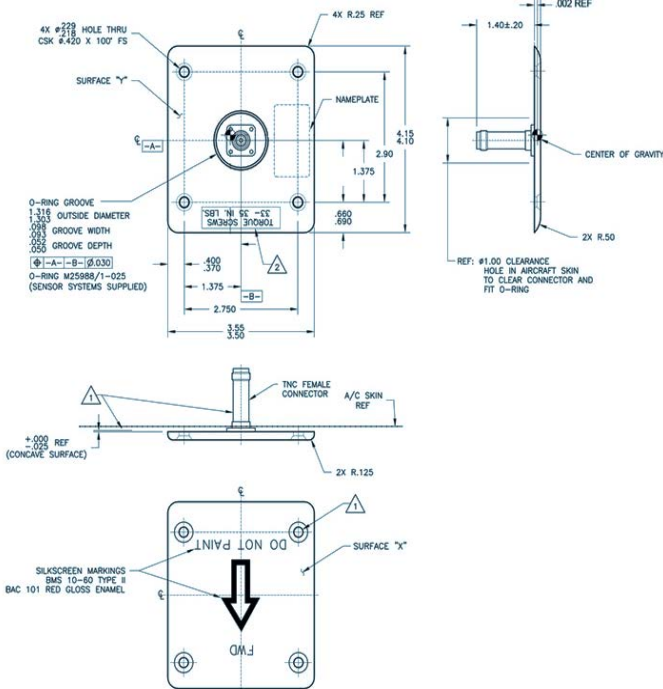
Frequency	4200 - 4400 MHz
VSWR	≤ 1.5:1 (4275-4325 MHz) ≤ 2.3:1 (4200-4400 MHz)
Gain	9.5 dBi
Polarization	Linear
Impedance	50 Ω
Power	5 Watts Average 500 Watt Peak
Beam Width	Roll Plane 45° Min. (E) Pitch Plane 40° Min. (H)
Sideload Level	-40dB

### Mechanical

Weight	0.35 lbs.
Height	.170 in.
Length	4.15 in.
Width	3.55 in.
Material	6061-T6 Aluminum / Teflon Glass
Finish	Skydrol Resistant Enamel
Connector	TNC Female

### Environmental

Temperature	-55°C (-67°F) to +85°C (+185°F)
Altitude	-1000 to 45,000 ft.



Please Note: For REFERENCE ONLY  
Contact Sensor Systems for latest drawing



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