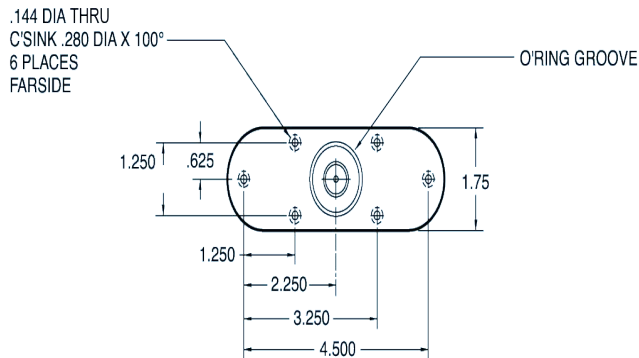
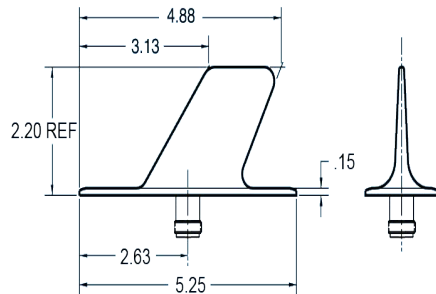


# L-Band S65-5366-116L



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

## Description

**S65-5366-116L:** Rugged and highly efficient L-Band antenna to be used with transponder, DME, ATC, IFF, TACAN and MODE-S applications. The antenna is constructed from an all-metal stainless steel and is DC grounded to protect from lightning.

The antenna features a 6-hole bolt pattern with an N female connector and an o-ring seal. The antenna is hermetically sealed for a long service life.

The antenna is ideal for commercial, military and general aviation.

**Federal & Military Certifications:** FAA TSO C66a and C74c, MIL-A-25708A, MIL-A-25730B, MIL-A-7772B, MIL-E-5272C, MIL-E-5400H, and MIL-STD-810B.

## Specifications

### Electrical

Frequency	960-1220 MHz
VSWR	1000-1100: $\leq 1.40:1$ 960-1220: $\leq 1.70:1$
Polarization	Vertical
Pattern	Omnidirectional in Azimuth Cosinusoidal in Elevation
Impedance	50 $\Omega$
Power	250 Watts Continuous 2500 Watts Peak

### Mechanical

Weight	8 oz.
Height	2.20 in.
Length	5.19 in.
Width	1.73 in.
Material	Stainless Steel
Finish	Skydrol Resistant Polyurethane Enamel
Connector	N Female

### Environmental

Temperature	-73°C (-100°F) to +204°C (+400°F)
Altitude	70,000 ft.



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