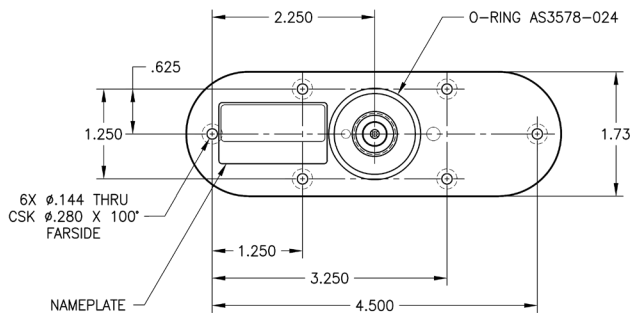
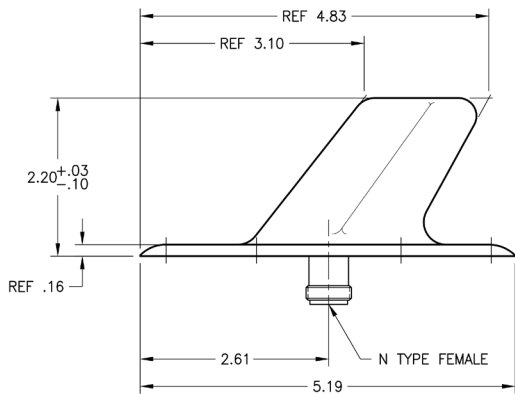
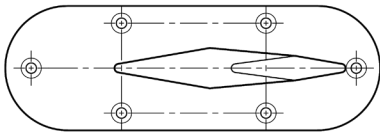


L-Band S65-5366-119L



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

Description

This rugged and highly efficient L-band antenna is used with transponder, DME, ATC, IFF, TACAN and Mode-S applications. The antenna is constructed from an all-metal stainless steel casting.

The **S65-5366-119L** antenna is hermetically sealed for a long service life and is DC grounded. The antenna features a 6-hole bolt pattern with a type N female connector and o-ring seal.

Federal & Military Certifications:

FAA TSO C66b, C74c, DO-160G, MIL-HDBK-5400 and SAE ARP 5416.

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 Ω
Power	250 Watts Continuous 2500 Watts Peak

Mechanical

Weight	9 oz.
Height	2.20 in.
Length	5.19 in.
Width	1.73 in.
Material	Stainless Steel- 302 AMS 5358 Solution Annealed
Finish	Skydrol Resistant Polyurethane Enamel
Connector	N Female (Connector to mate with MIL-C-39012, type N male coaxial plus)

Environmental

Temperature (Operating)	-55°C (-67°F) to +85°C (+185°F)
Altitude	70,000 ft.

Accessories

O-ring	AS3578-024
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