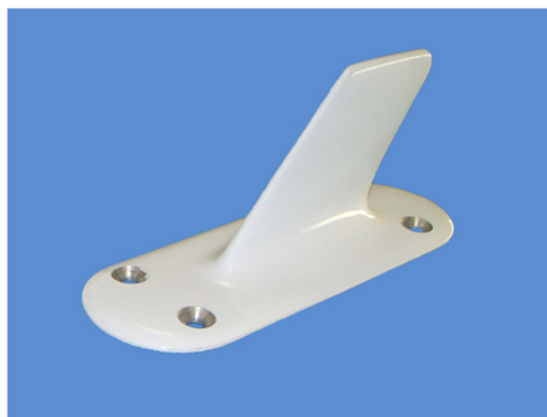




U.S. Patent No. 3,220,006

DESCRIPTION

S65-5366-11L: Vertically-polarized, omni-directional L-Band antenna operating from 960 to 1220 MHz for use with transponders, DME, ATC, IFF, TACAN and Mode-S applications. Rugged design is an all-metal aluminum casting with a 4-hole bolt pattern. The antenna is DC-grounded and hermetically-sealed for long service life. Type N female connector and o-ring seal.

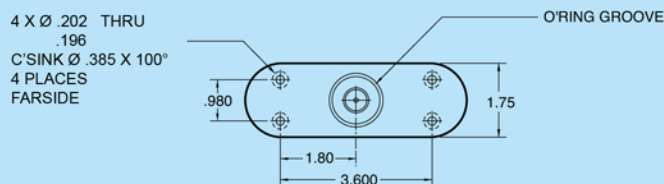
NSN: 5985-01-195-3041 (white)

NSN: 5985-01-512-5297 (gray)

FEDERAL & MILITARY SPECS: TSO C66b, C74c, MIL-HDBK-5400, MIL-E-5272, MIL-A-7772, MIL-A-25708, MIL-A-25730, MIL-STD-810.

SPECIFICATIONS	
MODEL	S65-5366-11L
ELECTRICAL	
Frequency	960-1220 MHz
VSWR	≤1.42:1 (1000 - 1100 MHz) ≤1.70:1 (960 - 1220 MHz)
Pattern	Omni/Az Cos/EI
Polarization	Vertical
Impedance	50 ohms
Power	4000 Watts Peak @ .004 Duty Cycle 250 Watts/Cont.
Lightning Protection	DC grounded
MECHANICAL	
Weight	4 oz.
Height	2.20 in.
Material	A-356 Aluminum Alloy casting
Finish	Skydrol-resistant Polyurethane Enamel
Connector	Type N Female
ENVIRONMENTAL	
Temperature	-61°C (-77°F) to +85°C (+185°F)
Vibration	10 G's
Altitude	-1800 FT. to +70,000 ft.

S65-5366-11L



Note: For Reference Only.

Contact Sensor Systems for the latest engineering drawings.

Doc # DS S65-5366-11L_F, 042114: MRKT **MDV** ENG **RC** QC **DJ**

