



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

DESCRIPTION

S65-5366-116L: Rugged and highly efficient L-band antenna for use with transponder, DME, ATC, IFF, TACAN and Mode-S applications. The antenna is constructed from an all metal stainless steel casting and is DC grounded. It features a 6-hole bolt pattern with a Type N female connector and o-ring seal. Lusterless gray enamel finish. Hermetically sealed for long service life.

For use on commercial, military and general aviation aircraft.

NSN: 5985-01-556-0820

FEDERAL & MILITARY SPECS: FAA TSO C66a & C74, MIL-E-5400H, MIL-E-5272C, MIL-A-7772B, MIL-A-25708A, MIL-A-25730B, MIL-STD-810B.

SPECIFICATIONS	
MODEL	S65-5366-116L
ELECTRICAL	
Frequency	960-1220 MHz
VSWR	≤1.40:1 (1000 - 1100 MHz) ≤1.70:1 (960 - 1200 MHz)
Pattern	Omni/Az Cos/EI
Polarization	Vertical
Impedance	50 ohms
Power	2500 Watts/Peak 250 Watts Cont
Lightning Protection	DC grounded
MECHANICAL	
Weight	8 oz.
Height	2.20 in.
Material	SS 302 AMS 5358 Solution Annealed
Finish	Skydrol-resistant Epoxy Enamel
Connector	Type N Female
ENVIRONMENTAL	
Temperature	-100°F to +400°F
Vibration	10 Gs
Altitude	70,000 ft.

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**Note: For Reference Only.
Contact Sensor Systems for the latest engineering drawings.**

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