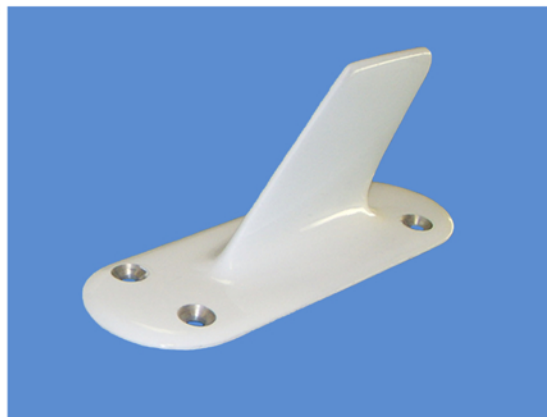




U.S. Patent No. 3,220,006

DESCRIPTION

S65-5366-3L: 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 aluminum casting and is DC grounded. It features a 4-hole bolt pattern with a TNC female connector. Hermetically sealed for long service life. Ideal for use on commercial, military and general aviation aircraft.

NSN: 5985-01-540-3340

FEDERAL & MILITARY SPECS: FAA TSO C66c, C74d, C112e, DO-160D/G, MIL-STD-810D, SAE ARP5416, Boeing D6-81926(G).

SPECIFICATIONS	
MODEL	S65-5366-3L
ELECTRICAL	
Frequency	960-1220 MHz
VSWR	≤1.40:1 (1000 - 1100 MHz) ≤1.70:1 (960 - 1220 MHz)
Pattern	1/4 Wave Monopole
Gain	+3dBi
Polarization	Vertical
Impedance	50 ohms
Power	2500 Watts Peak 250 Watts Continuous
Lightning Protection	DC grounded
MECHANICAL	
Weight	4.0 oz.
Height	2.20 in.
Length	5.25 in.
Width	1.75 in.
Material	A-356 Aluminum Alloy Casting
Finish	Skydrol-Resistant Polyurethane Enamel
Connector	TNC Female
ENVIRONMENTAL	
Temperature	-55°C (-67°F) to +85°C (+185°F)
Vibration	10 G's
Altitude	-2000 to +50,000 ft.
Side Load	10 PSI

