



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

DESCRIPTION

S65-5366-10LC: 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 6-hole bolt pattern with a Type C female connector and an o-ring seal. Hermetically sealed for long service life. For commercial, military and general aviation aircraft.

FEDERAL & MILITARY SPECS: FAA TSO C66b and C-74c, MIL-E-5400H, MIL-E-5272C, MIL-A-7772B, MIL-A-25708A, MIL-A-25730B, MIL-STD-810B.

SPECIFICATIONS	
MODEL	S65-5366-10LC
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	4 oz.
Height	2.2 in.
Material	A-356 Aluminum alloy casting
Finish	Skydrol-resistant Epoxy Enamel
Connector	Type C Female
ENVIRONMENTAL	
Temperature	-73° C(-100°F) to +204°C (+400°F)
Vibration	10 Gs
Altitude	70,000 ft.

