



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

DESCRIPTION

S65-5366-7L: 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 C female connector and o-ring seal.

NSN: 5985-01-072-8282

FEDERAL & MILITARY SPECS: TSO C66b, C74c, C112 & C119, MIL-E-5400H, MIL-E-5272C, MIL-A-7772B, MIL-A-25708A, MIL-A-25730B, MIL-STD-810B, MIL-STD-8C.

SPECIFICATIONS	
MODEL	S65-5366-7L
ELECTRICAL	
Frequency	960-1220 MHz
VSWR	≤1.42:1 (1000 - 1100 MHz) ≤1.70:1 (960 - 1200 MHz)
Pattern	Omni/Az Cos/EI
Polarization	Vertical
Impedance	50 ohms
Power	4000 Watts/Peak 250 Watts/Cont.
Lightning Protection	DC grounded
MECHANICAL	
Weight	4 oz.
Height	2.2 in.
Material	A356 aluminum casting
Finish	Skydrol-resistant Polyurethane Enamel
Connector	Type C Female
ENVIRONMENTAL	
Temperature	-77°F to +185°F
Vibration	10 G's
Altitude	-1800 ft. to +70,000 ft.

S65-5366-7L

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

Doc # DS S65-5366-7L_AG, 042514: MRKT **DB** ENG **RC** QC **DJ**

