VHF S65-8262-12

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

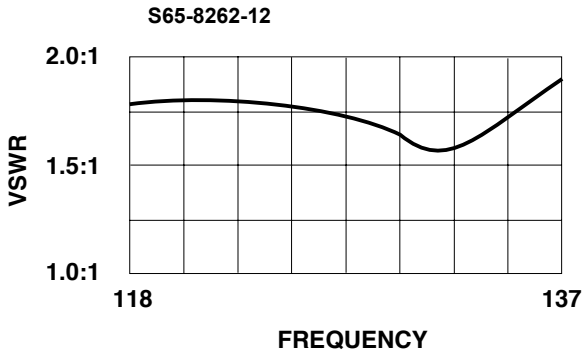
DESCRIPTION

S65-8262-12: All metal communications antenna. Light weight, low drag in a rugged design package. Resistant to erosion and impact. DC grounded to provide lightning protection, eliminates "P" static. Hermetically sealed. The antenna is 25% shorter and 30% lighter than the S65-8262-2, but keeps the identical mounting footprint.

Other models available with optional internal low pass filtering system to prevent VHF interference to the Global Positioning System (GPS). Total harmonic attenuation greater than 80 dB.

FEDERAL & MILITARY SPECS: FAA TSO C37b and C38b. DO-160, MIL-STD-810, MIL-E-5400, MIL-E-5272, MIL-A-7772 (ASG), MIL-A-6271, MIL-A-9094.

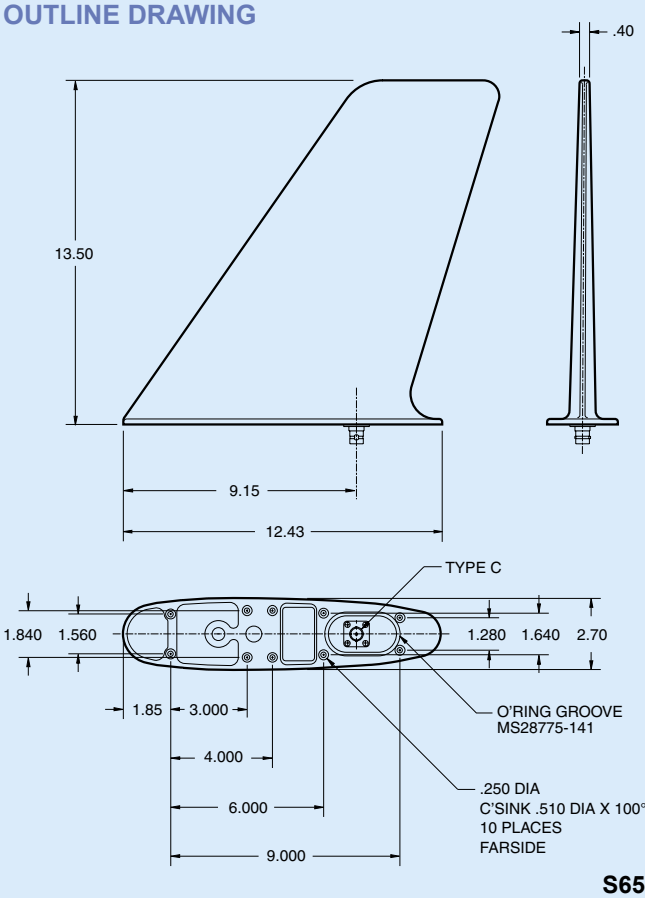
PERFORMANCE



SPECIFICATIONS

	VHF S65-8262-12
ELECTRICAL	
Frequency	118-137 MHz
VSWR	2.0:1
Pattern	Omni/Az Cos/El
Polarization	Vertical
Impedance	50 ohms
Power	100 watts
Lightning Protection	DC grounded
MECHANICAL	
Weight	2.7 lbs.
Height	13.50 in.
Material	A356-T61 aluminum casting
Finish	Skydrol resistant enamel
Connector	C
Drag	1.8 lbs. Mach .85 @ 35,000 ft.
ENVIRONMENTAL	
Side Load	12 psi
Temperature	-65°F to +185°F
Vibration	14 G's
Altitude	60,000 ft.

OUTLINE DRAWING



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