

VHF/UHF S65-8262-Series



U.S. Patent 3,220,006

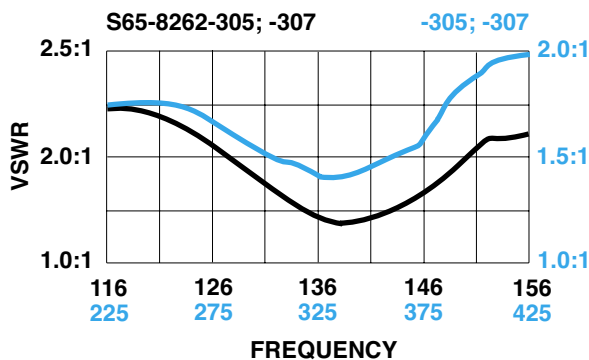
DESCRIPTION

S65-8262-305: All metal, DC grounded to provide lightning protection. Eliminates "P" static. Broadband frequencies. Combines VHF/UHF 116-152/225-400 MHz communication in a single antenna. Meets AT-1108 specs. Hermetically sealed. For turbine powered aircraft.

S65-8262-307: Same as (-305) except for de-icing duct and footprint.

FEDERAL & MILITARY SPECS: FAA TSO C37b, C38b and C59. MIL-STD-810, MIL-E-5400, MIL-A-7772 (ASG), MIL-STD-810, MIL-A-9094, MIL-B-5087.

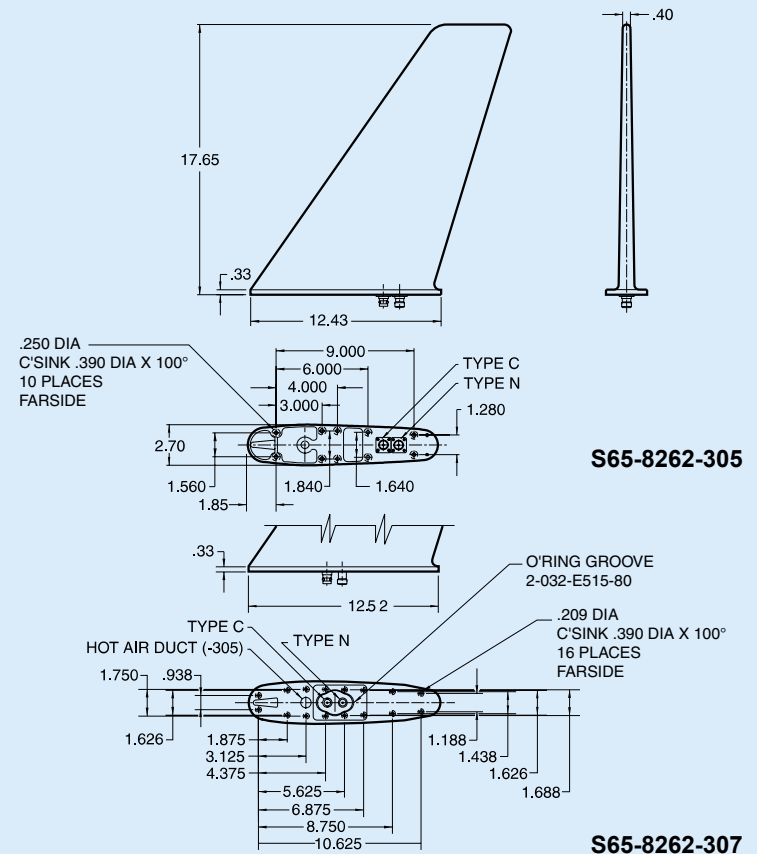
PERFORMANCE



SPECIFICATIONS

	VHF	UHF
	Dual Freq. S65-8262-305 S65-8262-307	
ELECTRICAL		
Frequency	116-152 MHz	225-400 MHz
VSWR	2.0:1	2.6:1
Pattern	Omni/Az Cos/EI	Omni/Az Cos/EI
Polarization	Vertical	Vertical
Impedance	50 ohms	50 ohms
Power	100 watts	100 watts
Isolation	20 dB	20 dB
Lightning Protection	DC grounded	
MECHANICAL		
Weight	4.0 lbs. (-305) 4.5 lbs. (-307)	
Height	17.65 in.	
Material	A356-T61 aluminum casting	
Finish	Skydrol resistant enamel	
Connector	C	N
Drag	2.5 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



8929 Fullbright Avenue
Chatsworth, CA 91311 USA
818-341-5366 fax: 818-341-9059
email: info@sensorantennas.com
www.sensorantennas.com