

# VHF S65-8262-Series



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

## DESCRIPTION

**S65-8262-2:** All metal, DC grounded to provide lightning protection. Eliminates "P" static. Hermetically sealed. Broadband frequency range. High resistance to erosion and impact. For commercial airliners.

**NSN:** 5985-00-876-5224

**S65-8262-2A:** Boeing; **(-5A)** Lockheed; **(-DC10A)** Douglas. Same as (-2) except for hot-air de-icing duct.

**NSN:** 5985-01-177-1696 (-5A)

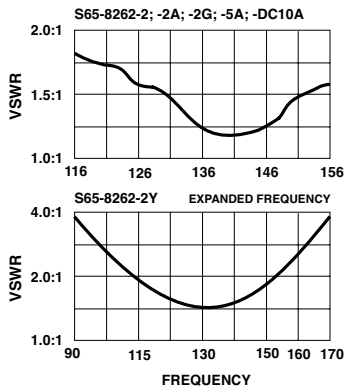
**S65-8262-2G:** Same as (-2) except for leading edge stainless steel gravel shield.

**S65-8262-2Y:** Same as (-2) except for frequencies of 90-160 MHz.

**NSN:** 5985-00-134-0283

**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

S65-8262-2	S65-8262-5A	S65-8262-2Y
S65-8262-2A	S65-8262-DC10A	
S65-8262-2G		

### ELECTRICAL

Frequency	116-156 MHz	90-160 MHz
VSWR	2.0:1	4.0:1
Pattern	Omni/Az	Omni/Az
	Cos/EI	Cos/EI
Polarization	Vertical	Vertical
Impedance	50 ohms	50 ohms
Power	100 w/cont	Rec only
Lightning Protection	DC grounded	

### MECHANICAL

Weight	4.0 lbs	4.0 lbs.
Height	17.65 in.	
Material	A356-T61 aluminum casting	
Finish	Skydrol resistant enamel	
Connector	See Connector Chart	
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.	

## CONNECTOR CHART

MODEL	CONNECTOR	O-RING
S65-8262-2	C	YES
S65-8262-2A	C	NO
S65-8262-2G	C	YES
S65-8262-2Y	N	NO
S65-8262-5A	N	YES
S65-8262-DC10A	C	YES

## OUTLINE DRAWING

