

VHF/UHF S65-111-309



DESCRIPTION

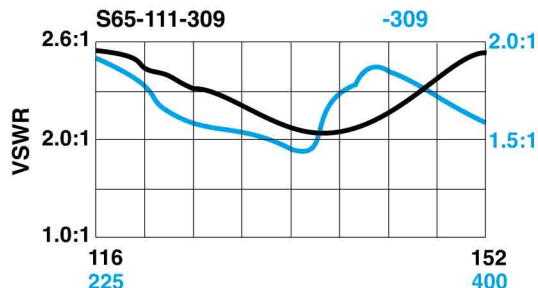
U.S. Patent No. 3,220,006

S65-111-309: Dual frequency VHF/UHF range. All metal, DC grounded to provide lightning protection. Low drag. Extremely rugged. Provides high degree of structural rigidity and protection from rain erosion and sand/gravel abrasion. Eliminates "P" static. Hermetically sealed. Interchangeable with Collins 37R-2U.

NSN: 5985 01 517 7400

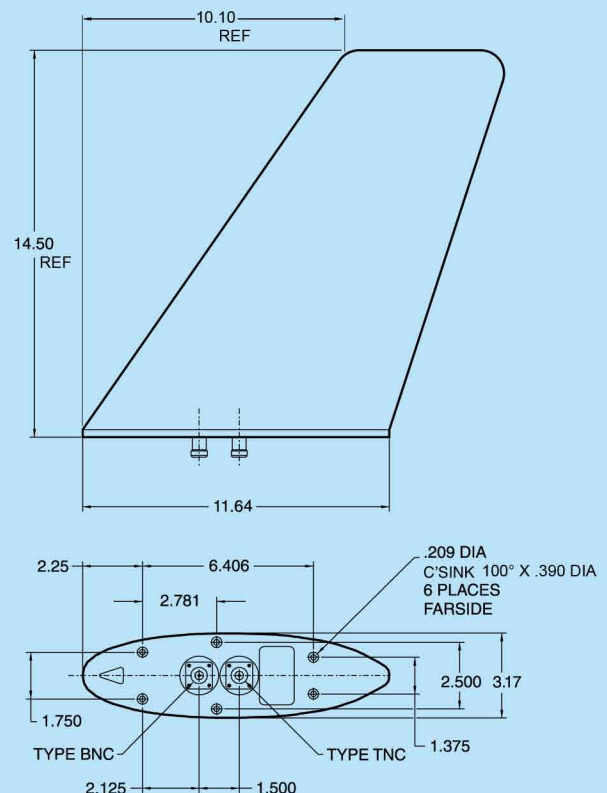
FEDERAL & MILITARY SPECS: FAA TSO C37b, C38b & C59, MIL-E-5400, MIL-E-5272C, MIL-A-7772B (ASG), MIL-A-6271A, MIL-A-9094C.

PERFORMANCE



SPECIFICATIONS		
MODELS	S65-111-309	
ELECTRICAL	VHF	UHF
Frequency	116 - 152 MHz	225 - 400 MHz
VSWR	≤ 2.3:1	≤ 2.6:1
Pattern	Omnidirectional in Azimuth Cosinusoidal in Elevation	
Polarization	Vertical	
Impedance	50 ohms	
Power	1000 Watts Peak / 100 Watts Continuous	
Isolation	20 dB	
Lightning Protection	DC grounded	
MECHANICAL		
Weight	4.8 lbs.	
Height	14.5 in.	
Material	A356-T61 Aluminum Alloy Casting	
Finish	Skydrol Resistant Enamel	
Connector	VHF: Female BNC	UHF: Female TNC
Drag	2.5 lbs. Mach .85 @ 35,000 ft.	
ENVIRONMENTAL		
Side Load	10 psi	
Temperature	-73°C (-100°F) to +149°C (+300°F)	
Altitude	60,000 ft.	

S65-111-309



Note: Prior to installation, contact Sensor Systems for the latest engineering drawings.

Doc # DS S65-111-309_H, 7292015: MRKT **JC** ENG **RC** QC **DJ**



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