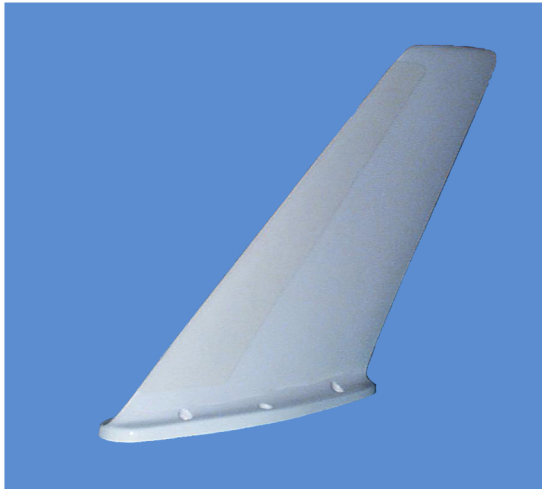


VHF/UHF/L-BAND S65-8282-323



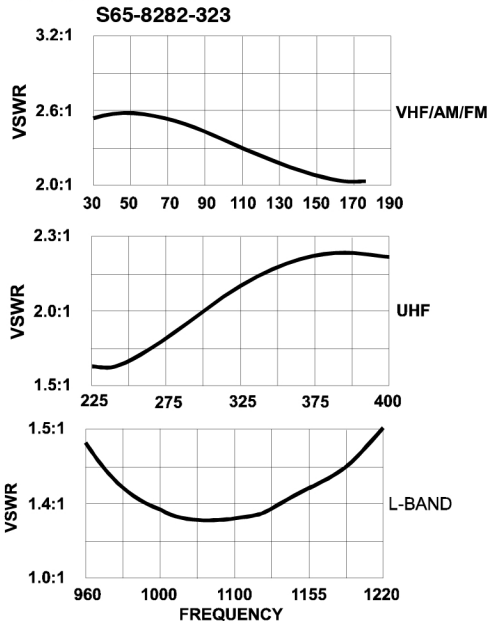
DESCRIPTION

S65-8282-323: VHF/UHF/AM/FM & L-Band antenna designed for speeds greater than Mach 1.0. Provides low VSWR over operating bands of 30-88 / 108-174, 225-400 / 960-1220 MHz. Hermetically-sealed and DC-grounded with six-hole bolt pattern, designed for universal mounting. Interchangeable with Collins 37R-2U and similar antennas.

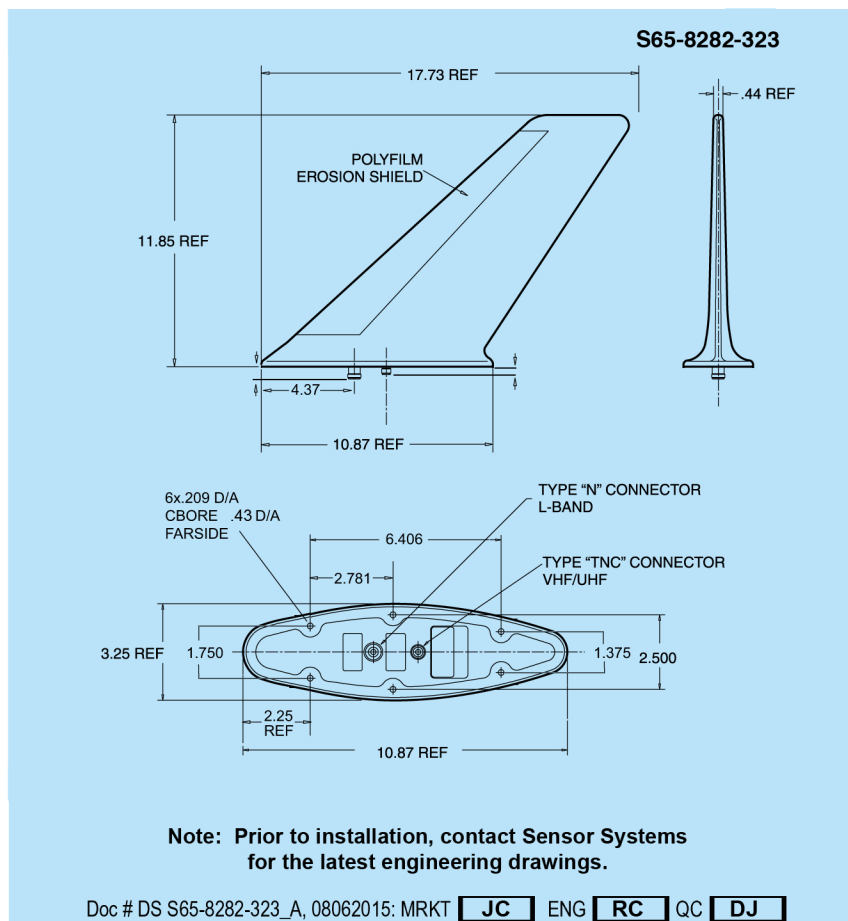
NSN: 1680-01-587-7928

FEDERAL & MILITARY SPECS: DO-160A, TSO-C37d, TSO-C38d, TSO-C74c, TSO-C59, TSO-C112, MIL-A-7772, MIL-E-5272, MIL-STD-188-203-1A, LINK 11 A/B.

PERFORMANCE



SPECIFICATIONS		FOR REFERENCE ONLY			
MODEL	S65-8282-323				
ELECTRICAL	VHF/FM	VHF/AM	UHF	L-BAND	L-BAND
Frequency	30-88 MHz	108-174 MHz	225-400 MHz	960-1220 MHz	1030-1090 MHz
VSWR	≤2.6:1	≤2.3:1		≤2.0:1	≤1.5:1
Pattern	Omnidirectional in Azimuth Cosinusoidal in Elevation				
Polarization	Vertical				
Impedance	50 ohms				
Power	110 watts 50% Duty Cycle	130 watts 100% Duty Cycle	4000 Watts Peak		
Lightning Protection	DC grounded				
MECHANICAL					
Weight	2.5 lbs.				
Height	11.85 in.				
Width	3.25 in.				
Material	A356-T61 Aluminum Alloy / Fiberglass				
Finish	Skydrol Resistant Enamel				
Connector	TNC Female			N Female	
Drag	1.0 lb. Mach .85 @ 35,000 ft.				
ENVIRONMENTAL					
Temperature	-55°C (-67°F) to +85°C (+185°F)				
Altitude	60,000 ft.				



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