



DESCRIPTION

S65-8282-51: For speeds up to Mach 2.0 with low drag. Designed for use with Collins AN/ARC-182 or similar VHF/AM/FM/UHF transmitter at 30-88/108-174/225-400 MHz. Provides low VSWR over operating band. Six-hole bolt pattern. Interchangeable with Collins 37R-2U. Hermetically sealed. Designed for universal mounting. Ideal for antenna replacement in existing systems where a dual frequency antenna capable of handling 40 watts is required. Stainless steel gravel shield.

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

SPECIFICATIONS

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MODELS	S65-8282-51		
ELECTRICAL	VHF/FM	VHF/AM	UHF
Frequency	30-88 MHz	108-174 MHz	225-400 MHz
VSWR	2.6:1	2.3:1	
Pattern	Omni/Az Cos/EI		
Polarization	Vertical		
Impedance	50 ohms		
Power	100 Watts		
Lightning Protection	DC grounded		
MECHANICAL			
Weight	2.5 lbs.		
Height	11.85 in.		
Material	A356-T61 Aluminum Alloy/Fiberglass / St. Steel		
Finish	Skydrol-resistant enamel		
Connector	TNC Female		
Drag	Mack .85 @ 35,000 ft. 1.0 lbs.		
ENVIRONMENTAL			
Side Load	6 psi		
Temperature	-54°C (-65°F) to +71°C (+160°F)		
Vibration	10 Gs		
Altitude	60,000		

PERFORMANCE

