

VHF/UHF/L-Band AM/FM S65-8282-120



Description

S65-8282-120: For speeds up to Mach 1.0 with low drag. Designed for use with AN/ARC-182 or similar VHF/AM/FM/UHF/L-Band transmitters at 30-88/108-174/225-400/960-1220 MHz. Provides low VSWR over operating band. Six-hole pattern. Interchangeable with Collins 37R-2U or similar. Designed for universal mounting. Ideal for antenna replacement in existing systems where a multi frequency antenna is required.

NSN: 5985-01-5798-8170

FEDERAL & MILITARY SPECS: FAA TSO-C37b, C38b, C74c, C66c(b), C59, and C112, DO-160A, MIL-A-7772, MIL-E-5272, MIL-E-5400.

Specifications

Electrical

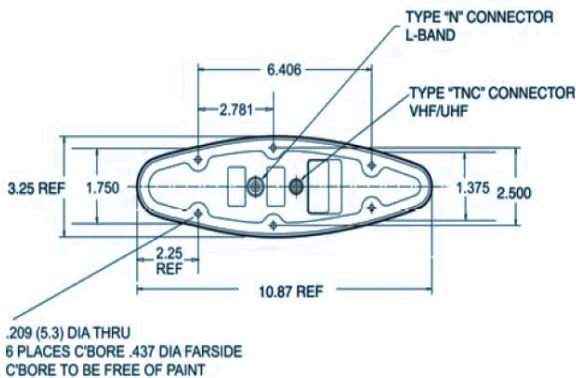
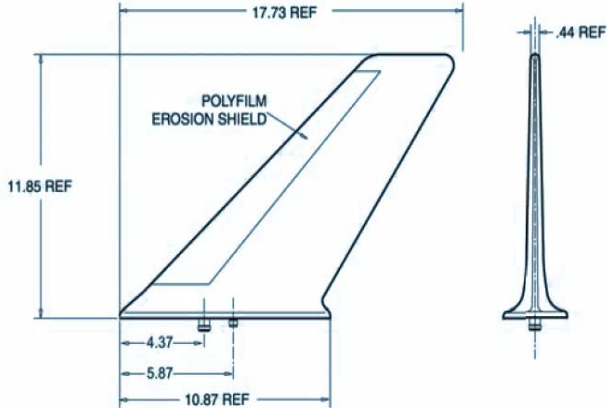
Frequency	VHF/FM: 30-88 MHz VHF/AM: 108-174 MHz UHF: 225-400 MHz L-Band: 960-1220 MHz
VSWR	VHF/FM: 2.6:1 VHF/AM: 2.3:1 UHF: 2.3:1 L-Band: 1.5:1
Pattern	Omni/Az ; Cos/EL
Polarization	Vertical
Impedance	50 Ω
Power	VHF/FM: 40 Watt /Cont. VHF/AM: 40 Watt / Cont. UHF: 40 Watt/ Cont. L-Band: 1000 Watt/ peak

Mechanical

Weight	2.5 lbs.
Height	11.85 in.
Material	Polyfilm / AL-A356-T61 / Glass
Finish	Skydrol Resistant Enamel
Connector	VHF/FM: TNC VHF/AM: TNC UHF: TNC L-Band: N
Drag	1.0 lb. Mach .85 @ 35,000 ft.

Environmental

Temperature	-55°C (-67°F) to +85°C (+185°F)
Altitude	55,000 ft.



Please Note: For REFERENCE ONLY
Contact Sensor Systems for latest drawing



A HEICO COMPANY

Website: www.sensorantennas.com

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