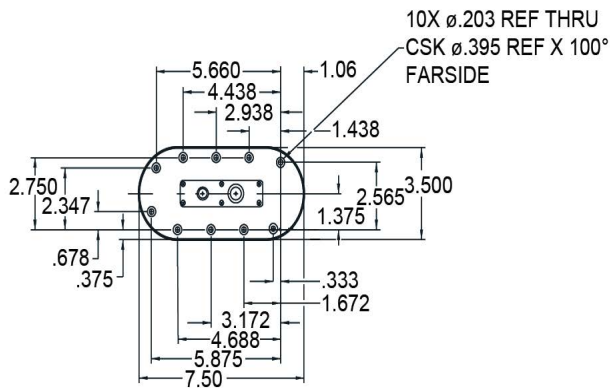
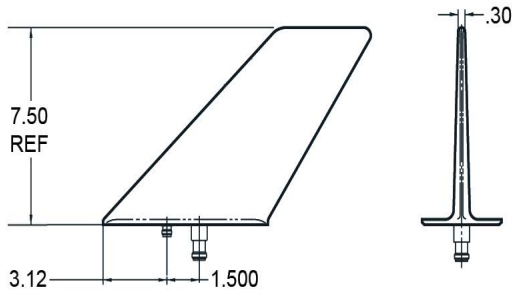


UHF/L-Band S65-1226



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

Description

S65-1226: This all-metal antenna was designed with internal filters incorporated into the base to provide 40 dB isolation. The antenna conforms to military mounting pattern and is ideal for high-speed military aircraft.

Federal & Military Certifications: MIL-A-6271A, MIL-A-7772B, MIL-A-9094C, MIL-E-5272C, MIL-E-5400H and MIL-STD-810.

Specifications

Electrical

Frequency	UHF: 225-400 MHz L-Band: 960-1220 MHz
VSWR	UHF: $\leq 2.4:1$ L-Band (960-1220 MHz): $\leq 2.3:1$ L-Band (1000-1100 MHz): $\leq 1.8:1$
Gain	UHF: +3 dBi L-Band: +3 dBi
Polarization	Vertical
Pattern	1/4 Wave Monopole
Impedance	50 Ω
Power	UHF: 100 Watts Continuous L-Band: 100 Watts Continuous 4000 Watts Peak

Mechanical

Weight	30 oz.
Height	7.50 in.
Length	7.50 in.
Width	2.50 in.
Material	A356-T61 Aluminum Alloy
Finish	Skydrol Resistant Epoxy Enamel
Connector	UHF: N Female L-Band: N Male

Environmental

Temperature (Operating)	-54°C (-64°F) to +95°C (+203°F)
Altitude	70,000 ft.



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