

UHF S65-1227-2



Description

The antenna is a metallic structure designed with streamlined geometry to minimize drag. It incorporates a DC ground to provide a protective shield against lightning strikes.

The **S65-1227-2** antenna is engineered to withstand extreme environmental conditions, such as rain, erosion, and sand/gravel abrasion, offering exceptional structural rigidity and durability.

The antenna is particularly suitable for high-speed military aircraft and is design to match the bold patterns of the AT-840 military UHF.

Federal & Military Certifications:

AT-840, MIL-A-26336, MIL-A-7772B, MIL-A-9094C, MIL-E-5272C, MIL-HDBK-5400 and MIL-STD-810.

Specifications

Electrical

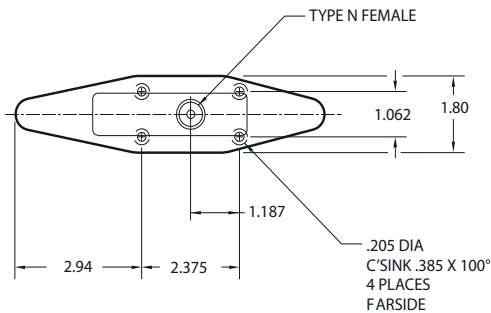
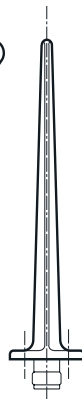
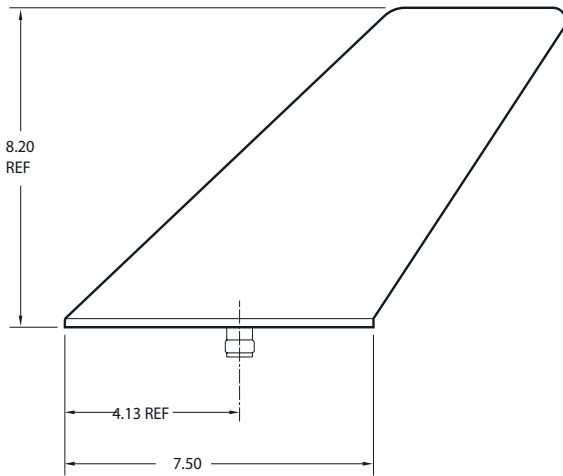
Frequency	180-400 MHz
VSWR	180-225 MHz: $\leq 2.3:1$ 225-400 MHz: $\leq 2.0:1$
Polarization	Vertical
Pattern	1/4 Wave Monopole
Impedance	50 Ω
Power	180-225 MHz: 5 Watts 225-400 MHz: 100 Watts

Mechanical

Weight	21 oz.
Height	7.50 in.
Length	7.50 in.
Width	1.80 in.
Material	A356-T61 Aluminum Alloy Casting
Finish	Skydrol Resistant Polyurethane Enamel
Connector	N Female
Drag	M.85 @ 35,000 ft. = 0.60 lbs.

Environmental

Temperature (Operating)	-54°C (-65°F) to +127°C (+260°F)
Altitude	70,000 ft.



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



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