

UHF S65-1016-1



Description

This is a swept-back UHF blade antenna with low drag. The antenna features the Flitephone™ frequency range (AT-460) of 450-465 MHz.

The **S65-1016-1** antenna is comprised of high strength aluminum die-casting and is hermetically sealed for a long service life.

The antenna is designed for military and general aviation.

Federal & Military Certifications:

MIL-E-5272C and MIL-HDBK-5400.

Specifications

Electrical

Frequency	450-465 MHz
VSWR	450-465 MHz: $\leq 1.4:1$ 454-460 MHz: $\leq 1.2:1$
Polarization	Vertical
Pattern	1/4 Wave Monopole
Impedance	50 Ω
Power	100 Watts Average
Efficiency	$\geq 85\%$

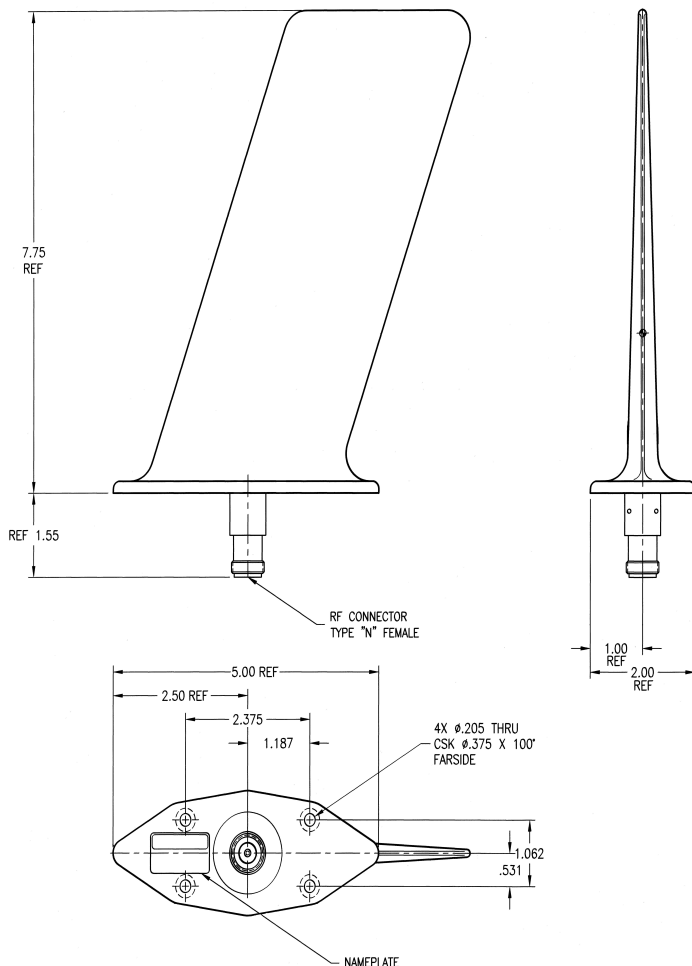
Mechanical

Weight	15 oz.
Height	7.75 in.
Length	5.00 in.
Width	2.00 in.
Material	A-380 Aluminum Alloy Casting
Finish	Skydrol Resistant Polyurethane Enamel
Connector	N Female
Drag	1.5 lbs. M .85 @ 35,000 ft.

Environmental

Temperature (Operating) -54°C (-65°F) to +121°C (+250°F)

Altitude 70,000 ft.



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



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Website: www.sensorantennas.com



Phone: 818-341-5366