

# VHF S65-111-2



## Description

This all-metal, broadband VHF antenna covers the frequency band of 116 to 156 MHz. The antenna's rugged construction provides a high degree of structural rigidity and protection from rain erosion as well as sand and gravel abrasion.

The **S65-111-2** antenna is DC grounded to eliminate "P" static. The antenna features a six-hole base with a type N connector. The antenna is hermetically sealed for a long service life.

The antenna is interchangeable with the Collins 37R-2 antenna.

## Federal & Military Certifications:

TSO C37b, C38b, MIL-A-6271A, MIL-A-9094C, MIL-A-7772B (ASG), MIL-E-5272C, and MIL-E-5400H.

## Specifications

### Electrical

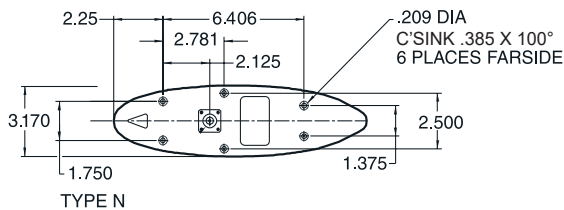
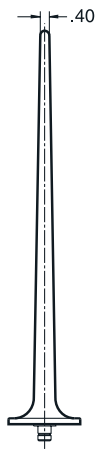
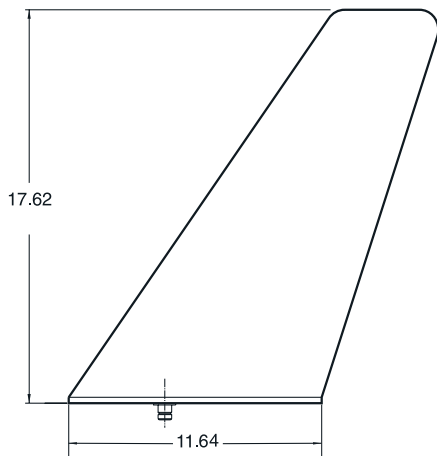
Frequency	116-156 MHz
VSWR	≤ 2.0:1
Polarization	Vertical
Pattern	Omnidirectional in Azimuth Cosinusoidal in Elevation
Impedance	50 Ω
Power	1000 Watts Peak 250 Watts Continuous
Efficiency	85%

### Mechanical

Weight	5.0 lbs.
Height	17.62 in.
Length	11.64 in.
Width	3.17 in.
Material	A356-T6 Aluminum Alloy Casting
Finish	Skydrol Resistant Polyurethane Enamel
Connector	N Female

### Environmental

Temperature (Operating)	-54°C (-65°F) to +85°C (+185°F)
Altitude	Up to 60,000 ft.



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



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