

VHF S65-111-2



DESCRIPTION

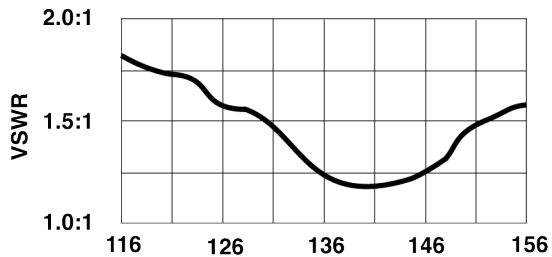
S65-111-2: All-metal, broadband VHF antenna covering the frequency band of 116 to 156 MHz. The antenna's rugged construction provides a high degree of structural rigidity and protection from rain erosion as well as sand/gravel abrasion.

The antenna is DC grounded to eliminate "P" static. It has a six-hole base with a type N connector. The antenna is also hermetically sealed for a longer service life.

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

FEDERAL & MILITARY SPECS: FAA TSO C37b and C38b, MIL-A-6271A, MIL-7772B(ASG), MIL-A-9094C, MIL-E-5272C and MIL-E-5400H.

PERFORMANCE



SPECIFICATIONS

ELECTRICAL	
Frequency	116-156 MHz
VSWR	≤ 2.0:1
Polarization	Vertical
Patterns	Omnidirectional in Azimuth Cosinusoidal in Elevation
Impedance	50 Ω
Power	250 Watts Continuous 1000 Watts Peak
Lightning Protection	DC Grounded
MECHANICAL	
Weight	5.0 lb.
Height	17.62 in.
Length	11.64 in.
Width	3.17 in.
Material	A-356 T6 Aluminum Alloy
Finish	Skydrol Resistant Polyurethane Enamel
Connector	N Female
ENVIRONMENTAL	
Temperature	-54°C (-65°F) to +85°C (+185°F)
Altitude	Up to 60,000 ft.
Vibration	8 G's

