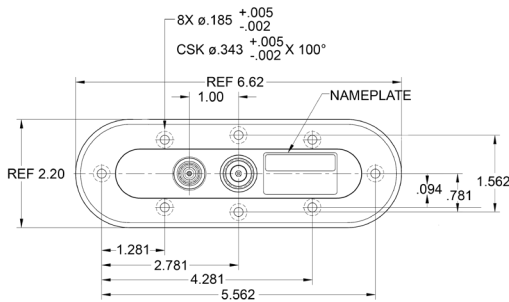
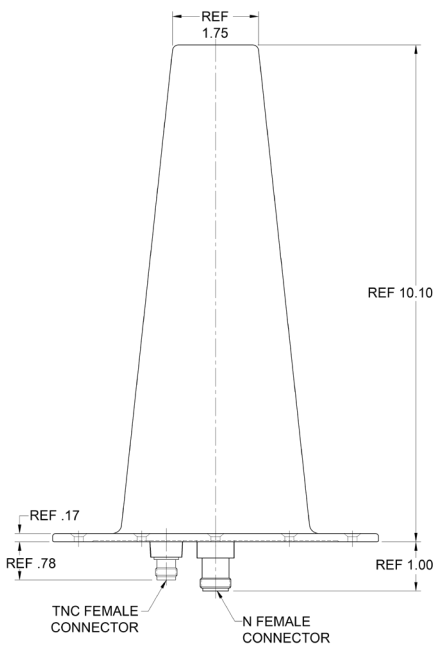


# Sonobuoy S65-625204



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

## Description

This sonobuoy antenna has a frequency range of 136 to 175 MHz. The antenna is constructed to withstand high side-loading with a low drag.

The **S65-625204** antenna features a cast aluminum base. The antenna is DC grounded to protect from lightning and is hermetically sealed for a long service life.

## Federal & Military Certifications:

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

## Specifications

### Electrical

Frequency	136-175 MHz
VSWR	≤2.5:1
Gain	136-162 MHz: 0 dBi 162-175 MHz: 2.5 dBi
Polarization	Vertical
Pattern	1/4 Wave Monopole Omnidirectional
Impedance	50 Ω
Power	50 Watts
Bite Coupling Level	25 dB

### Mechanical

Weight	0.8 lbs.
Height	10.10 in.
Length	6.62 in.
Width	2.20 in.
Material	A356 Aluminum Alloy Casting
Finish	Skydrol Resistant Epoxy Enamel
Connector	TNC Female-Bite N Female
Drag	.9 lbs. 200 knots sea level

### Environmental

Temperature (Operating)	-54°C (-65°F) to +71°C (+160°F)
Altitude	60,000 ft.



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