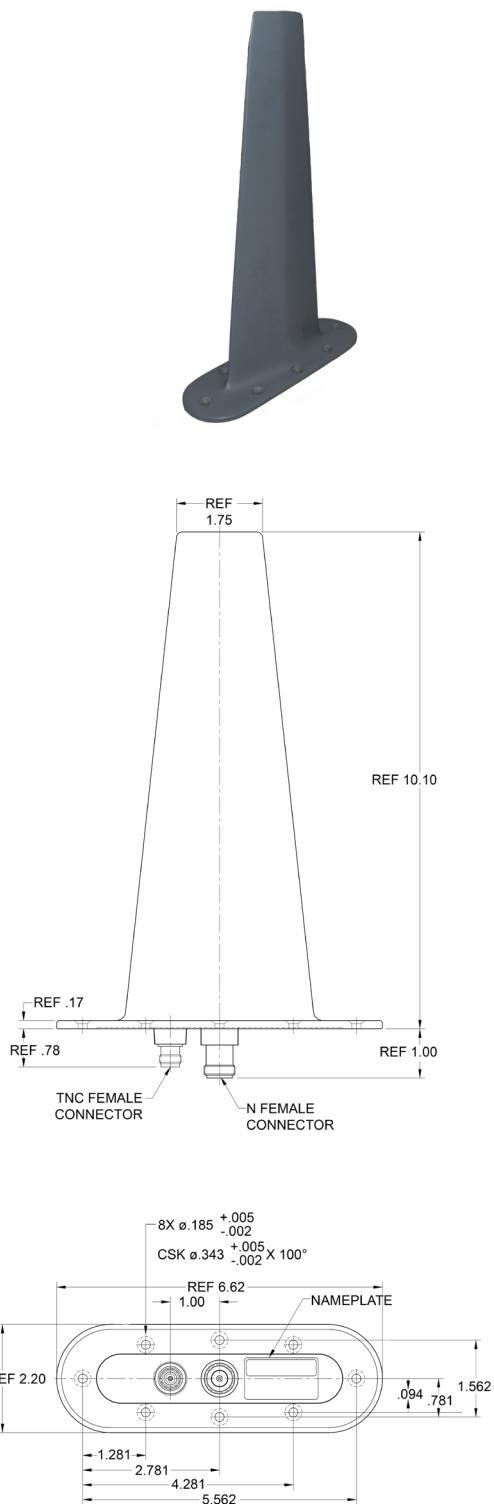


Sonobuoy S65-625204



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.

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.