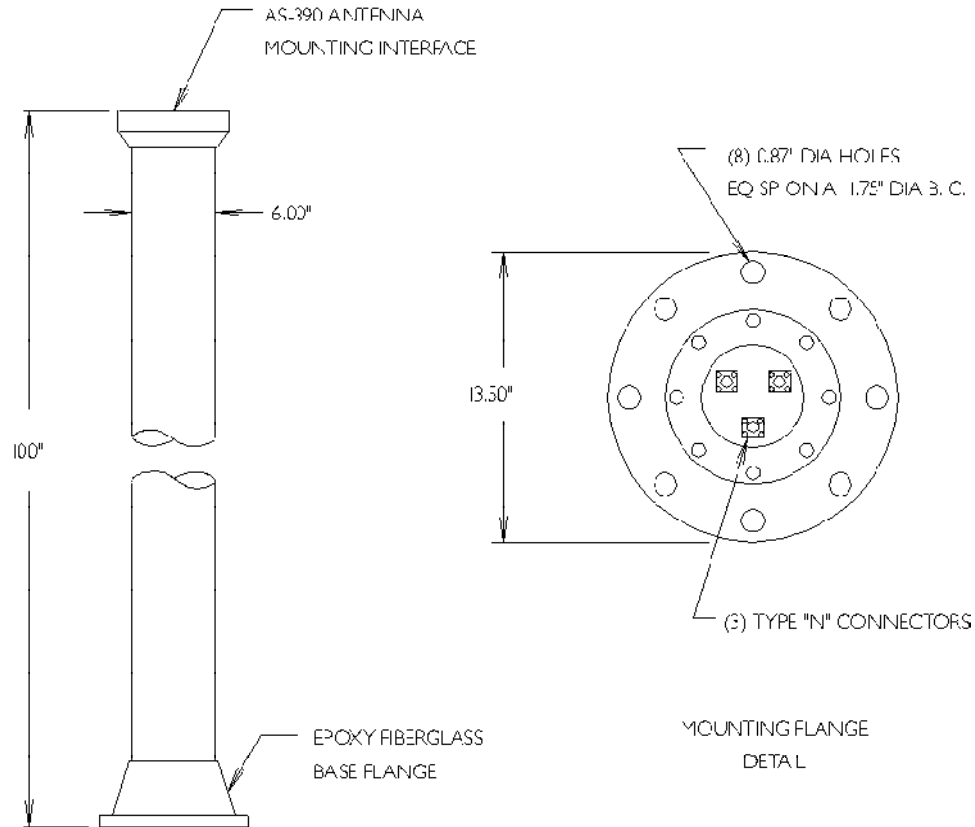


# SB-202/2

- HIGH POWER APPLICATIONS
- OMNIDIRECTIONAL
- BROADBAND



## Applications

The SB-202/2 is a dual UHF antenna used for high power applications in the 225 to 400 MHz frequency band. It provides broadband, omnidirectional coverage over the 225-400 MHz frequency band. It is designed for shipboard installations which are exposed to an extreme marine environment.

## Features

The totally fiberglass-enclosed radome protects the elements and feed network from the marine environment. The element assembly is secured within the radome to eliminate resonant vibration frequencies and to withstand the shock test

requirement. The SB-202/2 is designed to withstand the MIL-S-901 shock test and the MIL-STD-167-1 vibration test.



## SPECIFICATIONS

Frequency	225 to 400 MHz	Weight	50 lbs max
Power Handling	400 Watts	Wind	120 mph min (operating)
Max VSWR	2.5:1	Mounting	.87" dia. holes on an 11.75" dia. B.C.
Pattern	Omni-directional	Temperature	-28°C to +65°C
Gain	2 dBi	Vibration	MIL-STD-167-1
Polarization	Vertical	Shock	MIL-S-901C, Grade A
Impedance	50 ohms unbalanced	Color	Gray paint per MIL-P-24441
Isolation	25 dB min	Accessories	Feed-through cable to enable the mounting of an auxiliary antenna to its top.
Input Connectors	3-Type "N"		
Inputs	2-Type "N" connectors		
Height	100" max		
Diameter	6" max		