

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR ULTRA HIGH FREQUENCY

UHF Vertical Dipole Antenna AS-2810C/SRC

THE AS-2810C/SRC UHF VERTICAL DIPOLE ANTENNA IS A RUGGED, SELF SUPPORTING VERTICALLY POLARIZED BROAD-BAND ANTENNA COVERING THE FREQUENCY RANGE OF 225 TO 400 MHz. THIS LIGHT WEIGHT, ALL PURPOSE ANTENNA CAN BE USED IN THE TRANSMIT OR RECEIVE MODE.

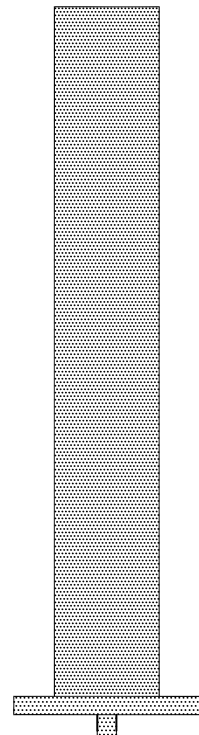
THE ANTENNA IS DESIGNED FOR RELIABLE USE UNDER THE SEVERE ENVIRONMENTAL CONDITIONS ENCOUNTERED ABOARD NAVAL SHIPS.

THE ANTENNA RADIATING ELEMENTS ARE HOUSED WITHIN A SINGLE PIECE FIBREGLASS RADOME AND HAVE AN ALUMINUM MOUNTING FLANGE.

THE ANTENNA CAN HANDLE 800 WATTS PEAK ENVELOPE POWER AND 500 WATTS AVERAGE RF POWER OVER THE ENTIRE FREQUENCY RANGE. IT HAS A VSWR OF LESS THAN 2.0:1 OVER THE 225-400 MHz BAND.

FEATURES:

- **BROADBAND**
- **LIGHTWEIGHT**
- **SHIPBOARD APPLICATIONS**
- **RECEIVING OR TRANSMITTING**
- **WEATHERPROOF**



AS-2810C/SRC

QUICK REFERENCE DATA

ELECTRICAL CHARACTERISTICS

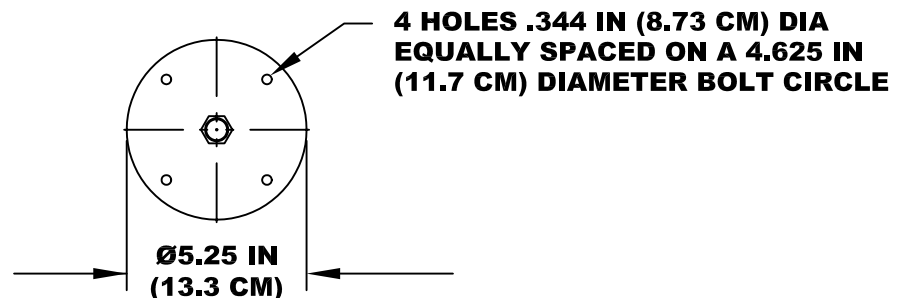
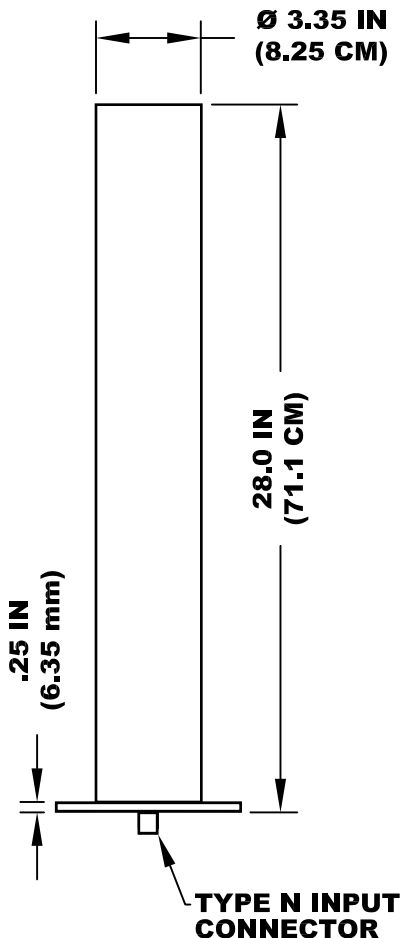
FREQUENCY RANGE	225 MHz TO 400 MHz
INPUT IMPEDANCE	50 OHMS
POLARIZATION	VERTICAL
POWER RATING	500 W (AVERAGE) 800 W PEAK
AZIMUTH COVERAGE	OMNIDIRECTIONAL
VSWR	2.0:1 MAXIMUM
GAIN	2 dBic (AVERAGE)
INPUT CONNECTION	N TYPE RECEPTACLE

MECHANICAL CHARACTERISTICS

ANTENNA OVERALL LENGTH	28.0 IN (71.1 CM)
ANTENNA WEIGHT	5.5 LBS (2.47 KG)
OPERATING TEMPERATURE	-55°C TO +65°C
RADIATING ELEMENT	ALUMINUM
RADOME MATERIAL	EXPOXY FIBREGLOSS
BASE FLANGE	ALUMINUM
FINISH	HAZE GRAY SILICONE ALKYD ENAMEL
VIBRATION	MIL-STD-167, TYPE 1
SHOCK	MIL-S-901C, GRADE A
HUMIDITY	MIL-STD-810E, PROCEDURE III

NOTES:

1. DO NOT USE LEAD BASE PAINT TO TOUCH-UP OR REPAINT ANTENNA



BOTTOM VIEW



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