

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR HIGH FREQUENCY

VHF Vertical Dipole Antenna AS-3226C/URC

NSN 5985-01-383-8643

THE AS-3226C/URC VHF DIPOLE ANTENNA IS A RUGGED, SELF SUPPORTING VERTICALLY POLARIZED BROADBAND ANTENNA COVERING THE FREQUENCY RANGE OF 30 TO 108 MHZ. THIS GENERAL PURPOSE ANTENNA CAN BE USED IN THE TRANSMIT OR RECEIVE MODE.

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

THE ANTENNA RADIATING ELEMENTS ARE HOUSED IN A SINGLE PIECE FIBREGLASS RADOME WITH A FIBREGLASS MOUNTING FLANGE.

THE AS-3226C/URC CAN HANDLE UP TO 1000 WATTS OF RF POWER OVER THE 30-108 MHZ FREQUENCY RANGE AND BOASTS A VSWR OF LESS THAN 3.0:1 OVER THE ENTIRE OPERATING FREQUENCY RANGE.

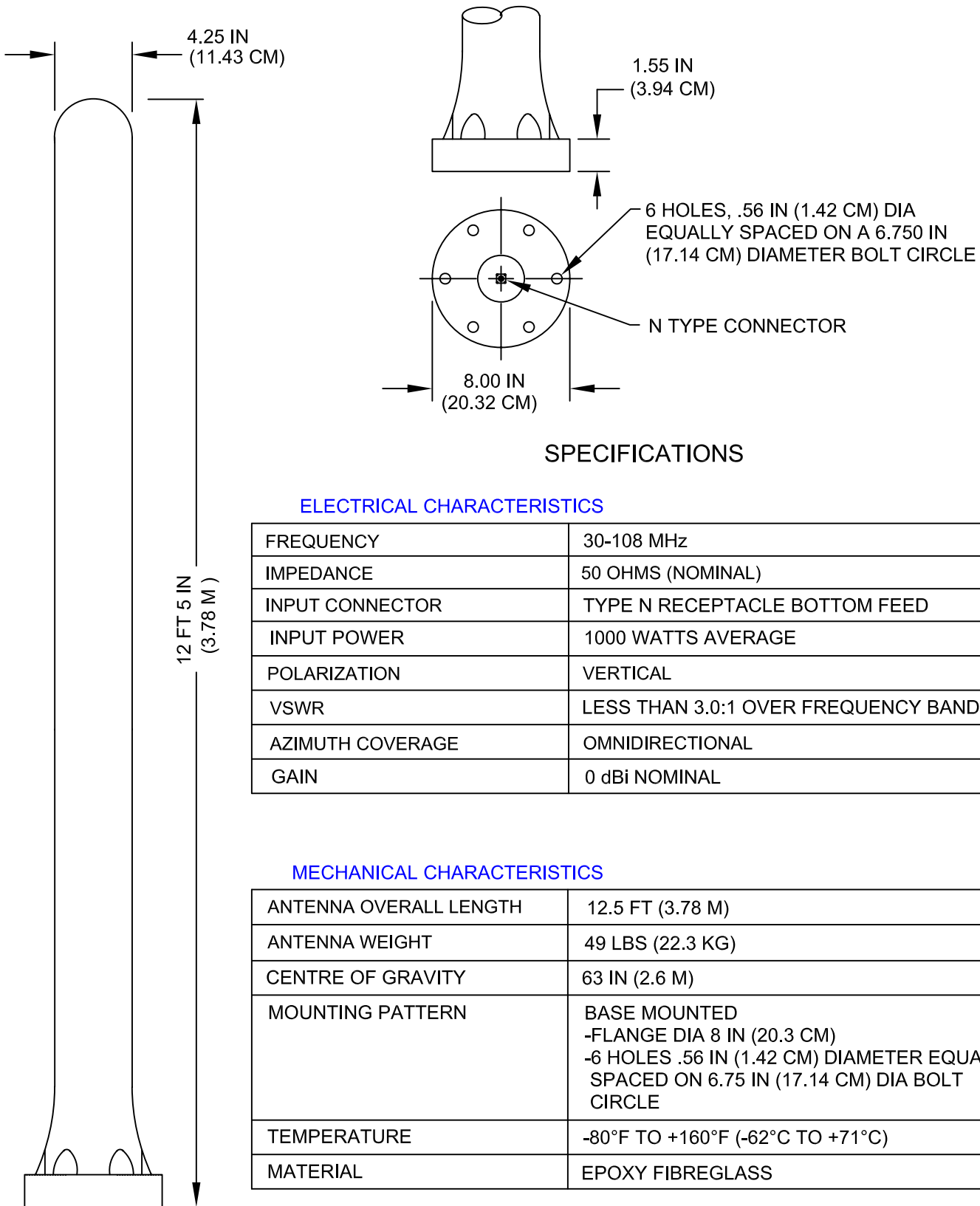
THE ANTENNA HAS BEEN QUALIFIED TO MIL-S-901C FOR SHOCK, MIL-STD-167 FOR TYPE 1 VIBRATION AND ALL THE SERVICE CONDITIONS OF MIL-E-16400.

FEATURES:

- BROADBAND
- LIGHTWEIGHT
- SHIPBOARD OR SHORE INSTALLATION
- RECEIVING OR TRANSMITTING
- MEETS MIL-A-29522(EC)
- TESTED TO MIL-E-16400 FOR SHOCK/VIBRATION AND ENVIRONMENTAL CONDITIONS



AS-3226C/URC QUICK REFERENCE DATA



SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

FREQUENCY	30-108 MHz
IMPEDANCE	50 OHMS (NOMINAL)
INPUT CONNECTOR	TYPE N RECEPTACLE BOTTOM FEED
INPUT POWER	1000 WATTS AVERAGE
POLARIZATION	VERTICAL
VSWR	LESS THAN 3.0:1 OVER FREQUENCY BAND
AZIMUTH COVERAGE	OMNIDIRECTIONAL
GAIN	0 dBi NOMINAL

MECHANICAL CHARACTERISTICS

ANTENNA OVERALL LENGTH	12.5 FT (3.78 M)
ANTENNA WEIGHT	49 LBS (22.3 KG)
CENTRE OF GRAVITY	63 IN (2.6 M)
MOUNTING PATTERN	BASE MOUNTED -FLANGE DIA 8 IN (20.3 CM) -6 HOLES .56 IN (1.42 CM) DIAMETER EQUALLY SPACED ON 6.75 IN (17.14 CM) DIA BOLT CIRCLE
TEMPERATURE	-80°F TO +160°F (-62°C TO +71°C)
MATERIAL	EPOXY FIBREGLASS

