

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR ULTRA HIGH FREQUENCY

AS-390/SRC

UHF Antenna

PN: VC-10-00075-1

NSN: 5985-21-842-2439

THE AS-390/SRC IS A UHF GROUND PLANE ANTENNA FOR SHIPBOARD INSTALLATIONS. IT CONSISTS OF A SMALL STUBBY RADIATOR AND AN EIGHT-WHIP GROUND PLANE. THE AS-390/SRC EXHIBITS A LOW VSWR OF 2:1 OR LESS ACROSS ITS FREQUENCY BAND OF 220 TO 400 MHZ. THE ANTENNA RADIATES AN OMNI-DIRECTIONAL, VERTICALLY POLARIZED RADIATION PATTERN AND CAN EASILY HANDLE 200 W OF RF INPUT POWER.

THE AS-390/SRC IS A LIGHTWEIGHT AND RUGGED ANTENNA DESIGNED TO WITHSTAND THE HARSH ENVIRONMENTAL CONDITIONS ABOARD SHIPS. THIS ANTENNA IS IDEALLY SUITED FOR MOUNTING ATOP VALCOM'S AS-4163/URC DUAL UHF ANTENNA. MOUNTING IS ACCOMPLISHED WITH A 3/4-14 IPS THREADED POST.

FEATURES:

- TRANSMIT OR RECEIVE
- LIGHTWEIGHT AND RUGGED WEATHER-PROOF CONSTRUCTION



AS-390/SRC QUICK REFERENCE DATA

ELECTRICAL CHARACTERISTICS

FREQUENCY	220 TO 400 MHZ
RADIATION PATTERN	OMNI-DIRECTIONAL
POLARIZATION	VERTICAL
VSWR	1.8:1 MAXIMUM
GAIN	+1 dBi (+0 / -1)
POWER RATING	200 W (AVERAGE)
INPUT IMPEDANCE	50 OHMS (NOMINAL)
INPUT CONNECTOR	N-TYPE

MECHANICAL CHARACTERISTICS

OVERALL DIMENSIONS	22.6 IN DIA X 18 IN HIGH (57.4 CM X 45.7 CM)
WEIGHT	3.6 LBS (1.6 KG)
MOUNTING	3/4-14 IPS X 1-1/2 IN (3.8 CM) THREADED POST
TEMPERATURE	-40°F TO 300°F (-40°C TO 150°C)
WIND	175 KNOTS (201 MPH) (324 KM/H)
FINISH	HAZE GREY EPOXY POLYAMIDE
SHOCK	MIL-S-901, GRADE A
VIBRATION	MIL-STD-167, TYPE 1

