

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR ULTRA HIGH FREQUENCY

UHF Monopole Antenna

NSN 5985-21-884-8205

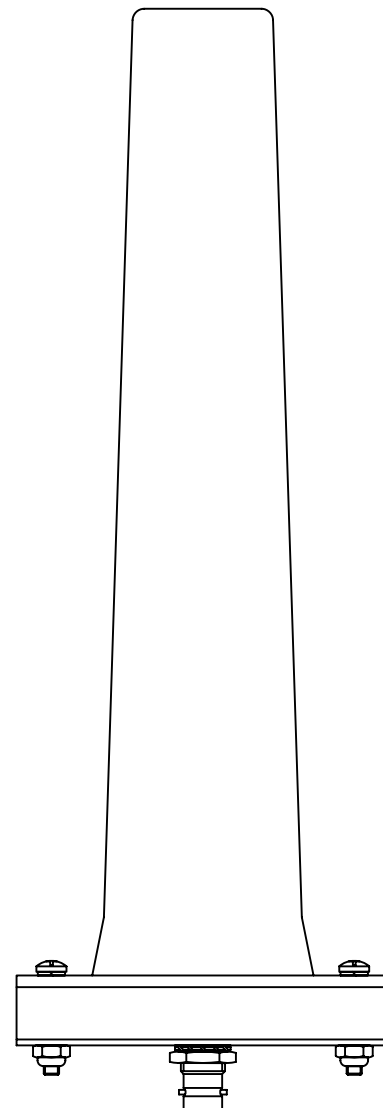
VALCOM'S UHF MONOPOLE ANTENNA IS A RUGGED VERTICAL ANTENNA DESIGNED TO COVER THE FREQUENCY RANGE OF 220-400MHz. THE ANTENNA IS COMPRISED OF A CONDUCTIVE BRAID MOLDED WITHIN A RUGGED RUBBER SHELL. THIS CREATES A FLEXIBLE AND DURABLE ANTENNA THAT IS BOTH WATERPROOF AND DAMAGE RESISTANT.

THE ANTENNA CAN EASILY HANDLE 100 WATTS CONTINUOUS RF POWER OVER THE ENTIRE FREQUENCY RANGE WITH A VSWR OF LESS THAN 2.0:1. THE RF INPUT CONNECTOR IS A BNC-TYPE RECEPTACLE LOCATED AT THE BASE OF THE ANTENNA.

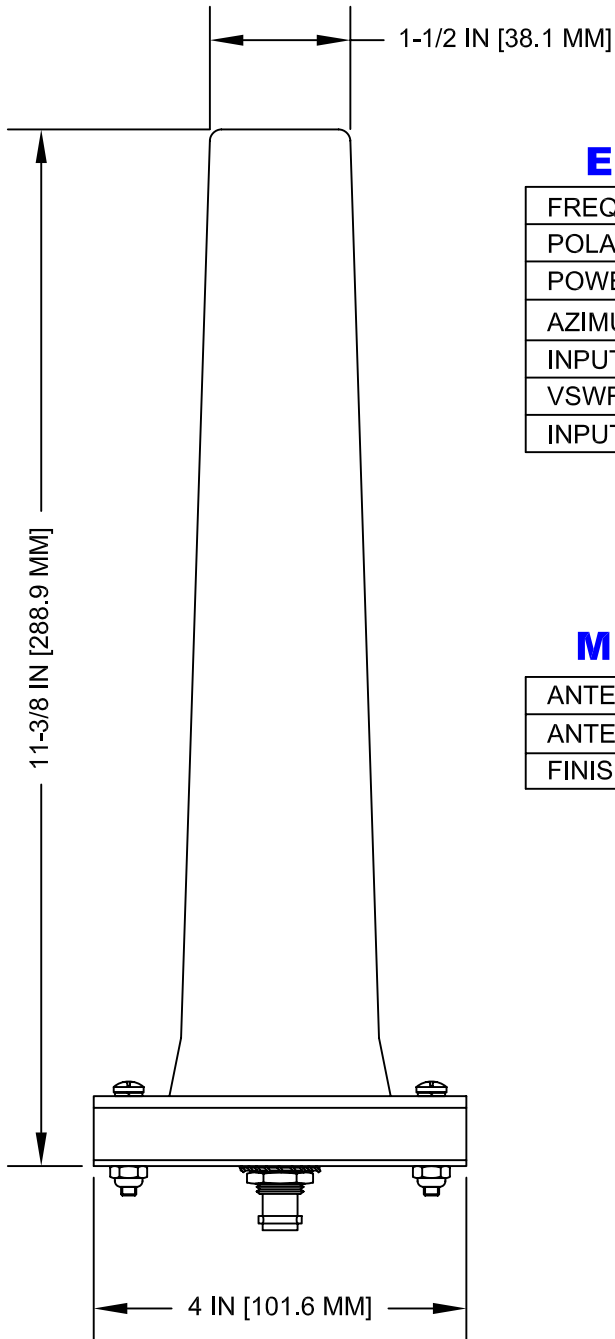
THE MONOPOLE IS DESIGNED TO OPERATE MOST EFFECTIVELY ON A METAL-TOP VEHICLE ACTING AS THE GROUND PLANE. AS WELL, THE ANTENNA CAN BE USED AS PART OF A MAST-MOUNTED GROUND PLANE ANTENNA (NSN 5985-21-884-8204).

FEATURES:

- **BROADBAND**
- **LIGHTWEIGHT AND RUGGED**
- **RECEIVING OR TRANSMITTING**



UHF MONOPOLE ANTENNA QUICK REFERENCE DATA



ELECTRICAL CHARACTERISTICS

FREQUENCY RANGE	220 MHz TO 400 MHz
POLARIZATION	VERTICAL
POWER RATING	100 WATTS CW
AZIMUTH PATTERN	OMNIDIRECTIONAL, ± 1 dB
INPUT IMPEDANCE	50 OHMS (NOM)
VSWR	2.0:1 MAXIMUM
INPUT CONNECTION	BNC-TYPE FEMALE

MECHANICAL CHARACTERISTICS

ANTENNA OVERALL LENGTH	11.4 IN (288.9 MM)
ANTENNA WEIGHT	1.5 LB (0.68 kg)
FINISH	BLACK RUBBER

