

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR ULTRA HIGH FREQUENCIES

VAS-450 UHF Vehicular Antenna

THE VAS-450 IS A UHF VEHICULAR DIPOLE WHIP ANTENNA DESIGNED TO PROVIDE UHF COMMUNICATIONS FOR A RANGE OF MILITARY APPLICATIONS. IT IS DESIGNED FOR USE WITH TODAY'S CUTTING EDGE, WIDE-BAND, FREQUENCY AGILE RADIOS. THE VAS-450 BOASTS A POWER HANDLING CAPABILITY OF 100 WATTS AND LESS THAN 3.0:1 VSWR ACROSS THE ENTIRE OPERATING BAND OF 225 MHz TO 450 MHz.

THE VAS-450 ANTENNA COMES IN TWO PIECES; A DIPOLE STYLE ANTENNA, USING REVOLUTIONARY BROAD BAND TUNING TECHNOLOGY, HOUSED WITHIN A FIBREGLASS ENVELOPE, AND AN ALUMINUM MOUNTING FLANGE WHICH ATTACHES TO THE VEHICLE USING A STANDARD VEHICLE 4-HOLE PATTERN.

THE VAS-450 USES VALCOM'S NEW INTEGRATED SPRING/WHIP BASE CONFIGURATION. THIS OFFERS A COMPACT ANTENNA DESIGN THAT IS EXTREMELY RUGGED AND RELIABLE.

FEATURES:

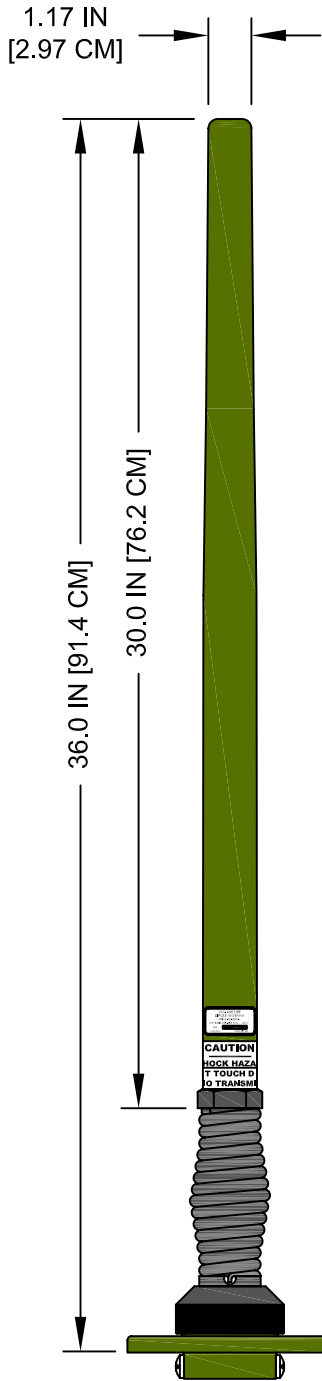
- WIDE BANDWIDTH
- PERFORMS WITH OR WITHOUT A GROUND PLANE
- EXTREMELY RUGGED AND RELIABLE DESIGN
- BASE MOUNT FOR REPLACEMENT FLEXIBILITY
- EASY ASSEMBLY/DISASSEMBLY

* PATENT PENDING



QUICK REFERENCE DATA

VAS-450

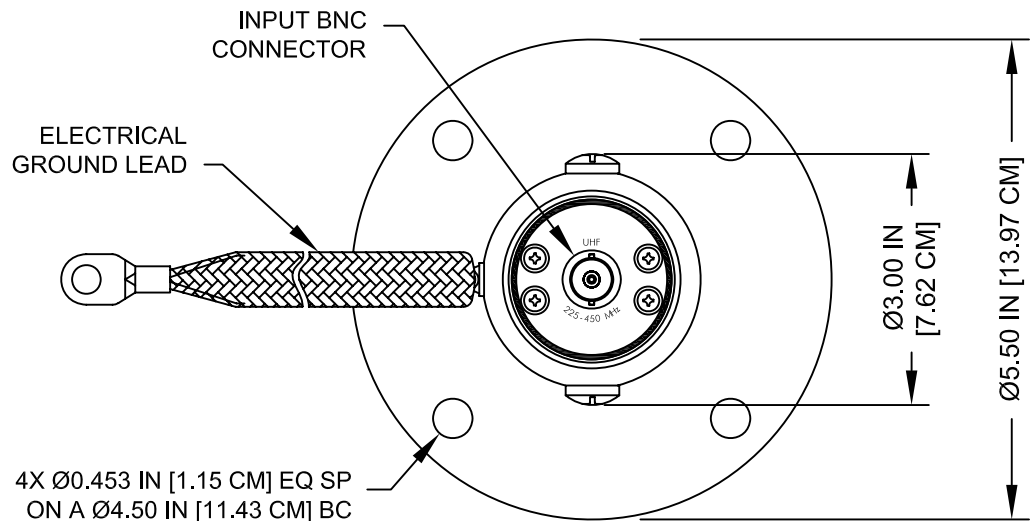


ELECTRICAL

FREQUENCY RANGE	225 - 450 MHz
RADIATION PATTERN	OMNIDIRECTIONAL
GAIN	0dBi TO +2dBi
VSWR	3.0:1 MAXIMUM
POLARIZATION	VERTICAL
POWER HANDLING	100 WATTS CONTINUOUS
HIGH VOLTAGE PROTECTION	ELEMENT: 10 kVrms to MIL-STD-202
NOM INPUT IMPEDANCE	50 OHMS
INPUT CONNECTOR	BNC

MECHANICAL

WEIGHT	6.25 LBS (2.83 kg)
OVERALL HEIGHT	36.0 INCHES (91.4 CM)
TEMPERATURE	-60°F TO +160°F (-51°C TO +71°C)
WIND VELOCITY	50 MPH (80 KPH) OPERATING



BOTTOM VIEW



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Specifications are subject to change without notice.