

World's Leading Manufacturer Of Fibreglass Whip Antennas



SPECIALISTS FOR ULTRA HIGH FREQUENCIES

VAS-800

UHF Base Station Antenna

THE VAS-800 IS A UHF DIPOLE-STYLE ANTENNA DESIGNED TO PROVIDE RELIABLE UHF COMMUNICATIONS FOR BASE STATION APPLICATIONS. THE VAS-800 BOASTS A POWER HANDLING CAPABILITY OF UP TO 250 WATTS AND LESS THAN 2:1 VSWR ACROSS THE ENTIRE OPERATING BAND OF 800 MHz TO 960 MHz.

THE VAS-800 ANTENNA COMES IN A ONE PIECE CONSTRUCTION. DIPOLE STYLE RADIATORS ARE SEALED INSIDE A FIBREGLASS ENVELOPE WITH AN INTEGRAL ALUMINUM MOUNTING SLEEVE TO PROVIDE QUICK AND EASY INSTALLATIONS.

THE ENTIRE ASSEMBLY IS COMPLETELY WEATHERPROOF AND RUGGED. THE VAS-800 WILL WITHSTAND WINDS OF UP TO 201 KM/H. DESIGN THAT IS EXTREMELY RUGGED, RELIABLE AND EASY TO USE.

FEATURES:

- WIDE BANDWIDTH
- PERFORMS WITH OR WITHOUT A GROUND PLANE
- LIGHTWEIGHT AND EXTREMELY RUGGED DESIGN
- SIMPLE INSTALLATION
- WEATHERPROOF AND RELIABLE DESIGN



QUICK REFERENCE DATA

VAS-800

ELECTRICAL

FREQUENCY RANGE	800 - 960 MHz
RADIATION PATTERN	OMNIDIRECTIONAL
GAIN	0dBi TO +2dBi
BEAMWIDTH	70° MINIMUM
VSWR	2:1 MAXIMUM
POLARIZATION	VERTICAL
POWER HANDLING	250 W
NOM INPUT IMPEDANCE	50 OHMS
INPUT CONNECTOR	FEMALE N-TYPE

MECHANICAL

WEIGHT	4.0 LBS (1.8 KG)
OVERALL HEIGHT	19.0 INCHES (48.3 CM)
TEMPERATURE	-60°F TO +160°F (-51°C TO +71°C)
WIND VELOCITY	125 MPH (201 KM/H) OPERATING
MOUNTING SLEEVE -LENGTH	3.50 IN (8.9 CM)
MOUNTING SLEEVE -DIAMETER	Ø2.375 IN (6.03 CM)

