

SMART ELECTRONICS COMMUNICATION

Delhi, INDIA

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HF VERTICAL ANTENNA

CONSTRUCTIONS: The HF vertical antenna is made of aluminium tubes. Tuning of full band is served by an impedance matched unit. Antenna element is supplied in 4 sections. Antenna base self contains ground plane. The antenna is suitable for medium to long range HF monitoring, Rx & Tx operations.

ELECTRICAL SPECIFICATIONS:

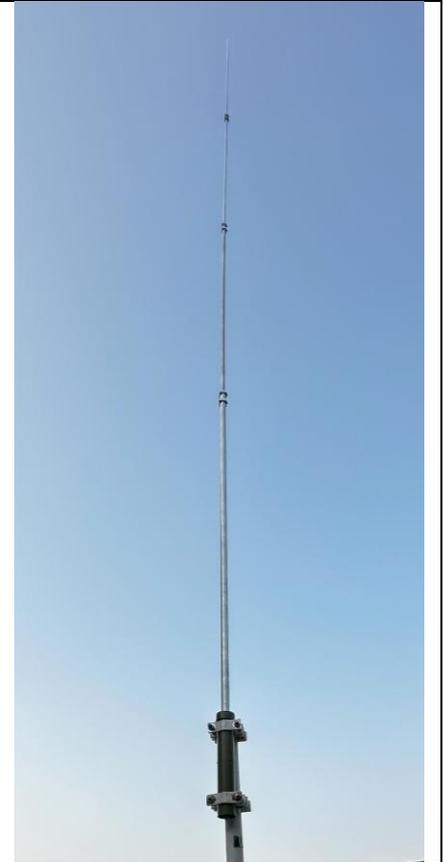
Model No.:	SHF-24V
Frequency Range	3-60 MHz (with antenna tuner)
Bandwidth	Full Band
Polarization	Vertical
Input Impedance	50 Ohms
Radiation Pattern	Omni Directional
VSWR	$\leq 2 : 1$ (typ.)
RF Power Handling Capacity	100 watt
Input Connector	N-Female

MECHANICAL SPECIFICATIONS:

Antenna Weight	3.1 Kg (without mounting hardware)
Antenna Weight	4.5 Kg (with mounting hardware)
Antenna Length(approx)	7 Meters
Shipping Length(approx)	7' feet
Radial material	Aluminium
Insulator material	Fiberglass
Wind rating	100 Km/Hr
Mounting Hardware	SS304

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature	(-)10° to +55° Degrees Celsius
Storage Temperature	(-)20° to +55° Degrees Celsius
Humidity	0 to 95% RH



Radiation Pattern

