



ANTENNA EXPERTS

E-mail: info@antennaexperts.in Website: www.antennaexperts.in

Model # BVM-230

Frequency Band 1.6-30 MHz.

HF VEHICULAR MOUNT WHIP MOBILE ANTENNA

DESIGN FEATURES: The BVM-230 HF vehicle mount antenna is made of ultra corrosion resistant marine grade stainless steel whip, designed to be used with an Automatic Antenna Tuner (not supplied with the antenna). The standard length of BVM-230 is 3.6 Meters consisting of 3 sections of 1.2 meters each. A M10 stainless steel stud (as a termination) is fixed at the lower section of radiator which is insulated from the mounting fixture.

CONSTRUCTIONS: This HF Whip Mobile Antenna supplied in dismantle condition for easy of shipping and handling and can be assembled in the field with simple hand tools. The antenna elements are tapered and threads are provided at each element making the antenna assembly a simple job. The antenna is supplied with eyes protecting cap fitted at the tip of the whip.

MOUNTING: This vehicle mount antenna is supplied with standard NATO 4 holes pattern. The mounting hardware is made of marine grade stainless steel. Customized mounting arrangements can also be supplied on request.



ELECTRICAL SPECIFICATIONS:

Frequency Range	1.6 - 30 MHz (Tuner Dependent)
Bandwidth	Entire Band with tuner
Polarization	Vertical
Input Impedance	Un-tuned (Tuner Required)
Radiation Pattern	Omni-directional
VSWR – Better than	2 : 1 with tuner (not supplied)
RF Power Handling Capacity	1000 Watts
Antenna Input Termination	M10 Stud

MECHANICAL SPECIFICATIONS:

Weight	3 Kgs.
Wind Rating	150 Km/Hr.
Whip Elements	Stainless Steel
Whip Diameter	10 mm to 3.3 mm
Mounting Base Material	6063T6 Aluminum
Eyes Protecting Cap Material	PVC
Mounting Type	NATO 4 Holes Pattern
Overall Length	3.6 Meter
Radiating Material	Stainless Steel

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature	(-)30 to +70 Degrees Celsius
Storage Temperature	(-)40 to +80 Degrees Celsius
Humidity	0 to 95% RH

Please contact us for further information like drawing, side & bottom view of antenna, antenna mounting details, diameter of radome etc.