ANTENNA EXPERTS

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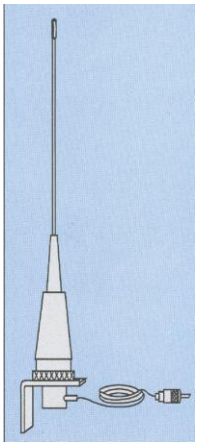
Model # AVM-850 800 – 990 MHz. 3 dBi. Gain

VEHICLE MOUNT WHIP MOBILE ANTENNA



DESIGN FEATURES: The AVM-850 UHF vehicle mount antenna is all brass antenna uses base loading technique for smooth impedance matching. Air-cored base loading coil keeps the losses to minimum.

CONSTRUCTIONS: This Whip Mobile Antenna comes with a 3.5 Meters long RG-58 Coaxial Cable with N-Male Connector. The customized length of cable and connector can be supplied on request.

MOUNTING: The AVM-850 vehicle mount antenna can be mounted either roof of the vehicle or on the side of vehicle using the "L" type bracket, supplied with the antenna.

ELECTRICAL SPECIFICATIONS:

Frequency Range	800 - 990 MHz.
Gain	3 dBi.
Bandwidth	70 MHz.
Polarization	Vertical
Input Impedance	50 Ohms
Radiation Pattern	Omni-directional
Vertical Beamwidth –Half Power Points	72 Degrees
VSWR	1.5 : 1
RF Power Handling Capacity	150 Watts
Input Termination	N-Male

MECHANICAL SPECIFICATIONS:

Weight	0.3 Kgs.
Wind Rating	200 Km/Hr.
Whip Elements	Stainless Steel
Whip Diameter	3.3 mm
Coil Housing	Nylon
Base Diameter	33 mm
Base Material	Brass
Coaxial Cable	RG-58
Cable Length	3.5 Meters
Shipping Length	0.25 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

Note: All information contained in the datasheet is subject to change without any prior notice.