Product Data Sheet



EM-M10014

VHF 3dB Gain Roof Mount Antenna

144-174 MHz

- NMO mount type
- High Strength 17-7 SS Spring
- Black chrome finish
- O-ring seal for IP67 Rated waterproof construction
- Durable ASA base with TPU Molded Dust Seal and Grip Ring
- Standard UPS Shippable Packaging (less than 48”)

Electrical Specifications

Frequency Band	144-174 MHz (Tunable Range)
VSWR	<1.5:1 at operating frequency
Impedance	50Ω
Gain	3 dB
Power Rating	100 W
Polarization	Linear, Vertical
E-Plane	50 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall Length	49.38 in. (1.25 m)
Whip Material, Finish	17-7 SS, Black Chrome
Base Material	ASA w/TPU over mold grip ring
Mounting Application	¾ inch thru-hole NMO Mount
NMO Cable Assembly & Connector	Sold separately
Operating Temperature	-40° to 85° C
Corrosion	Salt Fog
Humidity	95%

Specifications subject to change without notification

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