Product Data Sheet



EM-M10004

VHF 3dB Gain Roof Mount Antenna

132-174 MHz

- NMO mount type
- Black chrome finish
- O-ring seal for IP67 Rated waterproof construction
- Durable ASA Base with TPU over mold dust seal and grip ring

Electrical Specifications

Frequency Band	132-174 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	55 7/16 in. (1.408 m)
Whip Material, Finish	17-7 SS, Black Chrome
Base Material	ASA w/TPU over mold grip ring ¾
Mounting Application	inch thru-hole NMO Mount
NMO Cable Assembly & Connector	Sold separately
Operating Temperature	-40° to 85° C
Corrosion	Salt Fog
Humidity	95%

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