Product Data Sheet



EM-M10003

UHF 3dB Gain Roof Mount Antenna

420-470 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	420-470 MHz (Tunable Range)
VSWR	<1.5:1
Impedance	50Ω
Gain	3 dB
Power Rating	100 W
Polarization	Linear, Vertical
E-Plane	50 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall length	14 3/8 in. (365.1 mm)
Whip Material, Finish	17-7 SS, Black Chrome
Base Material	ASA w/TPU Over Mold Grip
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%

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