



EM-M10007

UHF 5dB Gain Roof Mount Antenna

420-470 MHz

- NMO Mount, Black Chrome Finish
- One-piece 17-7 SS Open Coil Whip for Reliability & Performance
- O-ring Seals for Waterproof Construction
- Durable Xenoy™ Base with TPV over mold Dust Seal and Grip Ring

Electrical Specifications

Frequency Band	420-470 MHz (Tunable Range)
VSWR	<1.5:1
Impedance	50Ω
Gain	5 dB
Power Rating	100 W
Polarization	Linear, Vertical
E-Plane	35 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall length @ 420 MHz	38 3/8 in. (975 mm)
Whip Material, Finish	17-7 SS, Black Chrome
Base Material	Xenoy™ w/TPV 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%