



## EM-M10003

UHF 3dB Gain Roof Mount Antenna

420-470 MHz

- NMO mount type
- Black chrome finish
- 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           | 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                  | Xenoy™ w/TPV Over Mold Grip  |
| Mounting Application           | 3/4 inch Thru-Hole NMO Mount |
| NMO Cable Assembly & Connector | Sold Separately              |
| Operating Temperature          | -40° to 85° C                |
| Corrosion                      | Salt Fog                     |
| Humidity                       | 95%                          |