



## EMFLX-M10003-GPI

*e/m-FLEX*<sup>™</sup> 2dB Gain Roof Mount Antenna  
380-520 MHz

- 1/2-Wave Ground Plane Independent, Wide Band Antenna
- NMO Mount, Black Chrome Finish
- Flexible Black Molded Polymer Alloy Spring
- O-ring seals for waterproof construction
- Durable Xenoy<sup>™</sup> base with TPV grip ring and dust seal

### Electrical Specifications

|                             |                                    |
|-----------------------------|------------------------------------|
| Frequency Band              | 380-520 MHz (Tunable Range)        |
| VSWR                        | <2:1, across operational bandwidth |
| Operational Bandwidth (min) | 50 MHz                             |
| Impedance                   | 50Ω                                |
| Gain                        | 2 dBi                              |
| Power Rating                | 100 W                              |
| Polarization                | Linear, Vertical                   |
| E-Plane                     | 70 Degrees, nominal                |
| H-Plane                     | Omnidirectional                    |

### Mechanical Specifications

|                                |   |
|--------------------------------|---|
| Overall Length (max)           | 16 1/8 in. (409.6 mm)                   |
| Whip Material, Finish          | 17-7 SS, Black Chrome                   |
| Spring Material                | Black Molded Polymer Alloy              |
| Base Material                  | Xenoy <sup>™</sup> 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%                                     |

