



## **e/m-FLEX™**

### **EMFLX-M10008-WB**

#### **Wide Band Quarter-Wave Antenna – No Tuning Required 144-174 MHz**

- Wide Band, Fixed Length, Quarter-Wave Antenna
- 30 MHz Operational Bandwidth, VSWR<1.8:1
- NMO Mount, Black Chrome Finish
- Flexible Black Polymer Alloy Spring
- O-ring seals for waterproof construction
- Durable Xenoy™ base with TPV grip ring and dust seal

#### **Electrical Specifications**

|                       |                     |
|-----------------------|---------------------|
| Frequency Band        | 144-174 MHz         |
| VSWR                  | <1.8:1              |
| Operational Bandwidth | 30 MHz @1.8:1 VSWR  |
| Impedance             | 50Ω                 |
| Gain                  | 2 dBi               |
| Power Rating          | 150 W               |
| Polarization          | Linear, Vertical    |
| E-Plane               | 70 Degrees, nominal |
| H-Plane               | Omnidirectional     |

#### **Mechanical Specifications**

|                                |                             |
|--------------------------------|-----------------------------|
| Overall Length (max)           | 18-7/8 in. (479.4 mm)       |
| Whip Material, Finish          | 17-7 SS, Black Chrome       |
| Spring Material                | Black Molded Polymer Alloy  |
| 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%                         |

Specifications subject to change without notification.