

## ***e/m-Flex*<sup>TM</sup> EMFLX-M10001**

### **Poly Spring VHF/UHF Quarter-Wave Roof Mount Antenna 108-520 MHz**

- NMO Mount, Black Chrome Finish
- Flexible Black Polymer Alloy Spring
- Broad Band, Field Tunable
- O-ring seal for waterproof construction
- Durable Xenoy<sup>TM</sup> base with TPV over mold dust seal and grip ring

#### **Electrical Specifications**

Frequency Band	(Tunable Range)	108-520 MHz
VSWR	(15 MHz Bandwidth @150 MHz)	<2.0:1
	(50 MHz Bandwidth @450 MHz)	<1.5:1
	(100 MHz @450 MHz)	<2.0:1
Impedance		50Ω
Gain (dBi)		2.0
Power Rating		150 W
Polarization		Linear, Vertical
E-Plane		50 Degrees, Nominal
H-Plane		Omnidirectional
Groundplane		Required

#### **Mechanical Specifications**

Overall Length	(@108 MHz)	29 in. (737mm)
	(@150 MHz)	19.75 in. (502mm)
	(@450 MHz)	7.75 in. (197mm)
Whip Material, Finish		17-7 SS, Black Chrome
Spring Material		Black Molded Polymer Alloy
Base Material		Xenoy <sup>TM</sup> w/TPV over mold grip ring
Mounting Application		¾ inch Thru-Hole NMO Mount
NMO Cable Assembly & Connector		Sold Separately
Operating Temperature		-40° to 85° C
Humidity		95%

Specifications subject to change without notification.