Product Data Sheet



e/m-Flex® EMFLX-M10014

Poly Spring VHF 3dB Gain NMO Mount Antenna 144-174 MHz

- NMO Mount, Black Chrome Finish
- Flexible Black Polymer Alloy Spring
- O-ring seals for waterproof construction
- IP67 Rated ingress protection for water, dirt, dust & airborne particles.
- Durable ASA base with TPU Molded Dust Seal and Grip Ring
- Standard UPS Shippable Packaging (less than 48")

Electrical Specifications

Frequency Band	144-174 MHz (tunable range)
VSWR @ BW	<1.5:1 @ 4 MHz <2.0:1 @ 9 MHz
Impedance	50Ω
Gain	3 dB
Power Rating	150 W
Polarization	Linear, Vertical
E-Plane	50 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall Length	46 in. (1.17 m), max. @144 MHz
Whip Material, Finish	17-7 SS, Black Chrome
Spring Material	Black Molded Polymer Alloy
Base Material	ASA w/TPU over mold grip ring
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.

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