em wave inc.

Product Data Sheet



e/m-Flex® EMFLX-M10004

Poly Spring VHF 3dB Gain NMO Mount Antenna
132-174 MHz

- NMO Mount, Black Chrome Finish
- Flexible Black Polymer Alloy Spring
- IP67 Rated ingress protection for water, dirt, dust & airborne particles
- O-ring seals for waterproof construction
- Durable ASA base with TPU Molded Dust Seal and Grip Ring

Electrical Specifications

Frequency Band	(Tunable range)	132-174 MHz
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	55 7/16 in. (1.17 m), max. @132 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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