em wave inc.

Product Data Sheet



EMFLX-M10008-WB

e/m-FLEX®

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 ASA base with TPU grip ring and dust seal

Electrical Specifications

Frequency Band	144-174 MHz
VSWR	<1.8:1 typical, 2:1 max
Operational Bandwidth	30 MHz
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)	19-3/8 in. (491mm)
Whip Material, Finish	17-7 SS, Black Chrome
Spring Material	Black Molded Polymer Alloy
Base Material	ASA w/TPU 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.

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