Product Data Sheet



e/m-Flex® EMFLX-M10003

Poly Spring UHF 3dB Gain Roof Mount Antenna
420-470 MHz

- NMO mount, Black Chrome Finish
- Flexible Black Polymer Alloy Spring
- O-ring seals for waterproof construction
- Durable ASA base with TPU over mold dust seal and grip ring

Electrical Specifications

Frequency Band	420-470 MHz (Tunable Range)
VSWR	<1.5:1
Impedance	50Ω
Gain	3 dB
Power Rating	150 W
Polarization	Linear, Vertical
E-Plane	50 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall length	14 3/8 in. (365.1 mm)
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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