Product Data Sheet



e/m-Flex® EMFLX-M10013

UHF T-Band Poly Spring 3dBi Gain NMO Antenna 470-520 MHz

- Specifically Designed/Optimized for T-Band Operation
- Premium Black Chrome Finish
- *e/m-Flex* Elastomeric Polymer Spring
- IP67 Ingress Protection
- High-Impact, Dual Shot ASA Base w/TPE Dust Seal & Grip Ring

Electrical Specifications

Frequency Band	470-520 MHz (Tunable Range)
VSWR	<1.5:1
Bandwidth @ 1.5:1 VSWR	20 MHz (F_c ±10 MHz), typical
Impedance	50Ω
Gain	3 dB
Power Rating	150 W
Polarization	Linear, Vertical
E-Plane	50 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall length	12 7/8 in. (327 mm)
Whip Material, Finish	17-7 SS, Black Chrome
Spring Material	Elastomeric Polymer, Proprietary
Base Material	ASA w/TPE Over Mold Grip Ring
Mounting Application	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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