Product Data Sheet

EM-M10003-LS

UHF 3 dB Gain NMO Mount Antenna

420-470 MHz *(Field Tunable)*



- Highly Aesthetic, Low Profile "*No Spring*" NMO Mount Antenna
- Premium All Black Chrome Finish
- Silicone Rubber Grip for Hand Tight Installation
- Twist-Off Whip Removal for car wash and general vehicle maintenance
  - *No Tools Required for Whip Installation & Removal*
- Field Tunable
- Dual Seal NMO Provides IP67 Ingress Protection
- Durable ASA base with TPU Dust Seal and Grip Ring

Electrical Specifications

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

Mechanical Specifications

Overall Length	16.8 in. (426mm) @420 MHz
Whip Material, Finish	17-7 SS, Black Chrome
Whip Adapter	360 Black Chrome Brass/Si Rubber
Base Material	ASA w/TPU over mold grip ring
Mounting Application	NMO Mount, Standard
NMO Cable Assembly & Connector	Sold Separately
Operating Temperature	-40° to 85° C
Humidity	95%

Specifications subject to change without notification.

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