Product Data Sheet

EM-M10001-LS

VHF/UHF Quarter-Wave NMO Antenna

108-520 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*
- Broad Band, 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)	108-520 MHz
VSWR	(15 MHz Bandwidth @150 MHz)	<2.0:1
	(50 MHz Bandwidth @450 MHz)	<1.5:1
	(100 MHz @450 MHz)	<2.0:1
Impedance		50Ω
Gain (dBi)		2.0
Power Rating		150 W
Polarization		Linear, Vertical
E-Plane		50 Degrees, Nominal
H-Plane		Omnidirectional
Ground-plane		Required

Mechanical Specifications

Overall Length	(@108 MHz)	28.5 in. (725mm)
	(@150 MHz)	19.9 in. (506mm)
	(@450 MHz)	7.0 in. (178mm)
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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