Product Data Sheet



EM-M10004-GPI-LS

VHF 2 dBi Gain Ground Plane Independent
½ Wave NMO Antenna
132-174 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)	132-174 MHz
Operational Bandwidth	15-20 MHz *(frequency dependent)*
VSWR	<1.2:1 @resonant frequency
	<2:1 across operational bandwidth
Impedance	50Ω
Gain	2 dBi *(No Ground Plane)*
Power Rating	150 W
Polarization	Linear, Vertical
E-Plane	70 Degrees, Nominal
H-Plane	Omnidirectional
Ground Plane Installation	Not Required

Mechanical Specifications

Overall Length	55.5 in. (1.41m) max
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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