Product Data Sheet

EM-M10003-GPI-LS

UHF 2 dBi Gain
Ground Plane Independent
½ Wave NMO Antenna
380-520 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*
- Field Tunable
- Dual Seal NMO Provides IP67 Ingress Protection
- High Impact/UV Resistant ASA base with TPU Dust Seal and Grip Ring

Electrical Specifications

Frequency Band	380-520 MHz *(Tunable Range)*
VSWR	<2:1
Impedance	50Ω
Gain	2dBi *(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	10.75 in. (273mm) 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.

ELECTRO-MAGWAVE, INC.
2241 Pinnacle Parkway, Suite A, Twinsburg, OH 44087 t 216-453-1160 f 216-447-8828 www.emwaveinc.com