Product Data Sheet



EM-M10007-LS

UHF 5 dB NMO Mount Antenna
445-470 MHz

- NMO Mount, Black Chrome Finish
- One-piece 17-7 SS Open Coil Whip for Reliability & Performance
- Durable ASA Base w/ TPU Dust Seal and Grip Ring
- O-ring Seals for Waterproof Construction
- Mobile and Fixed Point Applications

Electrical Specifications

Frequency Band (Tunable Range)	445-470 MHz
Operational Bandwidth VSWR	10 MHz @1.5:1 VSWR 21 MHz @2:1 VSWR
Impedance	50Ω
Gain	5 dB
Power Rating	150 W
Polarization	Linear, Vertical
E-Plane	35 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall length @ 445 MHz	37-1/2 in. (952.5mm)
Whip Material, Finish	17-7 SS, Black Chrome
Whip Adapter	Brass, Black Chrome Finish, Rubber Grip
Base Material	ASA w/TPU Over Mold Grip
Mounting Application	¾ inch Thru-Hole 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.

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