em wave inc.

Product Data Sheet

e/m-Flex™ EMFLX-M10007-GPI

3 dBd Ground Plane Independent Antenna

440-480 MHz



- Wide Band Performance. No Tuning Required
- NMO Type, Black Chrome Finish
- One-piece 17-7 SS Open Coil Whip for Reliability & Performance
- Flexible Black Polymer Alloy Spring
- Durable ASA Base w/ TPU over mold Dust Seal and Grip Ring
- O-ring Seal for IP67 Rated Waterproof Construction

Electrical Specifications

Frequency Band	440-480 MHz
VSWR	<2:1
Impedance	50Ω
Gain	3 dBd
Power Rating	150 W
Polarization	Linear, Vertical
E-Plane	35 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall Length	31 ¼ in. (794 mm)
Whip Material, Finish	17-7 SS, Black Chrome
Spring Material	Black Molded Polymer Alloy
Base Material	ASA w/TPU Over Mold Grip
Mounting Application	G-Plane or No G-Plane (GPI)
Mounting Application (Optional)	L-Bracket, NMO
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