em wave inc.

Product Data Sheet



EM-M11010

IP67 Rated 3 dB Gain 850-902 MHz NMO Roof Mount Antenna

- Rugged one-piece SS radiator with limited “Lifetime Warranty”
- Durable and highly conductive Black Chrome finish
- Tightly wound phasing coil delivers flexibility while resisting low hanging obstructions
- Open coil whip affords higher power handling capability
- Brass BETA’s increase operational bandwidth up to 15%
- Durable Dual Shot ASA base w/TPE over mold grip eases antenna install and removal
- IP67 Ingress Rated for dirt, dust & waterproof operation

Electrical Specifications

Frequency Band	850-902 MHz
VSWR	1.5:1 typ., 1.6:1 max
Impedance	50Ω
Gain	3 dBd (5 dBi)
Power Rating	100 W
Polarization	Linear, Vertical
E-Plane	35 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall Length	13.7 in. (348 mm)
Whip Material Finish	17-7 Series SS, Black Chrome
Base Material	ASA w/TPE Over Mold Grip
Mounting Application	¾ in. 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