em wave inc.

Product Data Sheet



EM-M11003

Roof Mount Antenna, 5 dBi Gain 763-869 MHz

- 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 ASA base with TPU over mold grip eases antenna install and removal

Electrical Specifications

Frequency Band	763-869 MHz
VSWR	2:1 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	14.5 in. (368 mm)
Whip Material Finish	17-7 Series SS, Black Chrome
Base Material	ASA w/TPU 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