



EM-M43002

Tri-band 150-162 / 450-490 / 763-870 MHz

IP67 Rated NMO Roof Mount Whip Antenna

- Stylish high-impact, dual shot ASA/TPE base eliminates ingress
- Insert molded NMO brass base for superior performance, eliminating dissimilar metal corrosion
- High strength, impact-resistant 17-7 Black Chrome SS Spring
- Dual seal design provides IP67 ingress protection
- Hand torque installation maintains reliable RF connection
- Removeable spring/whip protects NMO contacts during vehicle wash
- Durable black chrome finish for high conductivity, quality, and covert appearance

Electrical Specifications

Frequency Bands	150-162 / 450-490 / 763-870 MHz	
VSWR	150-162 MHz	<2:1
	450-470 MHz; 470-490 MHz	<2:1; <2.5:1
	763-870 MHz	<2:1
Impedance	50Ω	
Gain (dBi) VHF/UHF/7-800	Unity / 5 dBi / 4 dBi	
Power Rating	100 W	
Polarization	Linear, Vertical	
E-Plane	50-70° Degrees, Nominal	
H-Plane	Omnidirectional	
Ground-plane	Required	

Mechanical Specifications

Overall Length	17.7 in. (447mm)
Weight	.44 lb. (200g)
Whip Material	17-7 SS, Black Chrome
Base Material	ASA w/TPE over mold grip
Spring Material	17-7 SS, Black Chrome
Mounting Application	NMO, 3/4" Hole Mount
NMO Cable Assembly & Connector	Sold Separately
Operating Temperature	-40° to 85°C
Humidity	95%
Ingress	IP67

Specifications are subject to change without notification.