

## EM-MX0746 "X"-Nut™

### IP67 Rated Quarterwave Antenna 746-894 MHz



- Stylish high-impact, dual shot ASA/TPE base eliminates rust & pitting.
- Insert molded brass NMO ring ensures superior performance by neutralizing dissimilar metal mating & corrosion issues.
- Dual seal design provides IP67 Rated ingress protection for water, dirt, dust & airborne particles.
- Hand torque installation & quick-release removable whip maintains positive RF connection between antenna base & vehicle mount.
- Durable Black chrome finish for high conductivity, quality & covert appearance.
- "X"-Nut design delivers up to 10% more operational bandwidth than chrome nut antennas.

#### Electrical Specifications

Frequency Band	746-894 MHz
VSWR	1.5:1 Typical, 1.9:1 Max
Impedance	50Ω
Gain	2 dBi
Power Rating	100 W
Polarization	Vertical
E-Plane	50 Degrees, Nominal
H-Plane	Omnidirectional
Ground plane	Required

#### Mechanical Specifications

Overall Length	4.0 in. (102 mm)
Connector	NMO
Radiator Material	300 Series SS
Base Material	ASA/TPE over-mold grip ring
Mounting Application	NMO Mount
NMO Cable Assembly & Connector	Sold Separately
Operating Temperature	-40° to 85° C
Corrosion	Salt and UV Resistant

Specifications subject to change without notification.