



EM-MX Series "X" Nut

*Changing the way you think about
"More Antenna Value"!*

- Stylish high-impact, dual shot Xenoy™/TPV base with insert molded antenna adaptor and brass NMO ring truly eliminates mating concerns of dissimilar metals
- Dual seal construction for weatherproof protection
- Easy hand-installation for positive RF connection, No tools required!
- Durable Black Chrome finish for high conductivity and quality appearance
- Delivers up to 10% more operational bandwidth than comparable low-end Chrome Nut designs
- Field Tune model available for custom frequency and installation applications

Model	Frequency	VSWR	Height	
EM-MX0152	152-162 MHz	1.5:1 typical; 1.8:1 max	18.25 in.	464 mm
EM-MX0162	162-174 MHz	1.5:1 typical; 1.8:1 max	17.13 in.	435 mm
EM-MX0406	406-430 MHz	<1.5:1	7.25 in.	183 mm
EM-MX0450	450-470 MHz	<1.5:1	6.63 in.	169 mm
EM-MX0746	746-894 MHz	1.5:1 typical; 1.9:1 max	4.0 in.	102mm
EM-MX0890	890-960 MHz	<1.5:1	3.5 in.	89 mm
EM-MX0108-FT	108-960 MHz	<1.5:1 (Field Tunable)	31.75 in.	806 mm

Electrical Specifications		Mechanical Specifications	
Impedance	50Ω	Whip Material	300 Series SS
Gain	0 dBd, (2.0 dBi)	Whip Plating	Black Chrome
Power Rating	100 W	Base Material	Xenoy™ w/TPV Skirt
Polarization	Linear, Vertical	Mounting Application	¾" thru-hole NMO Mount
E-Plane	50 Degrees, Nominal	NMO Cable Assy. & Conn.	Sold Separately
H-Plane	Omnidirectional	Operating Temperature	-40° to 85° C
Ground Plane	Required	Corrosion	Salt and UV Resistant