



Specifications subject to change without notification.

EM-MX Series “X”-Nut™

Changing the way you think about “More Antenna Value”!

- Stylish high-impact, dual shot Xenoy™/TPV base
- Insert molded brass NMO ring truly eliminates mating concerns of dissimilar metals
- Dual seal construction for weatherproof protection
- Easy hand-installation for positive RF connection,
- 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
- No installation tools required

Model	Frequency	VSWR	Height	
EM-MX0152	152-162 MHz	1.5:1 typical; 1.9:1 max	18.13 in.	460 mm
EM-MX0162	162-174 MHz	1.5:1 typical; 1.9:1 max	16.88 in.	429 mm
EM-MX0406	380-430 MHz	1.5:1 typical; 1.9:1 max	7.50 in.	190 mm
EM-MX0450	450-520 MHz	1.5:1 typical; 1.9:1 max	6.56 in.	166 mm
EM-MX0746	746-894 MHz	1.5:1 typical; 1.9:1 max	4.00 in.	102 mm
EM-MX0890	890-960 MHz	1.5:1 typical; 1.9:1 max	3.63 in.	92 mm
EM-MX0108-FT	108-960 MHz	<1.5:1 (Field Tunable)	31.75 in.	806 mm

Electrical Specifications		Mechanical Specifications	
Impedance	50Ω	Radiator Material	300 Series SS
Gain	0 dBd, (2.0 dBi)	Radiator 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