

# INSTALLATION INSTRUCTIONS

## EM-MX "X"-NUT™ ANTENNA SERIES

*Congratulations on your selection of another quality antenna product from E/M Wave. E/M Wave is committed to continually provide the greatest antenna VALUE for your wireless applications.*

1. Antennas are pre-tuned to a fixed length and frequency. Verify proper frequency band using Table 1.
2. Thread the antenna onto the installed NMO Mount (Sold Separately).
3. Secure the antenna with firm hand torque.
4. **Automatic Car Wash Note:** For optimal protection of the NMO vehicle mount, **DO NOT** remove the NMO antenna adapter, exposing the NMO mount. Detach **whip only** by loosening the threads of the whip at the antenna adapter (See Figure 1). After car wash, dry the antenna base stud with a cloth and re-install the whip to the NMO antenna adapter using firm finger tight grip.

DETACH (UNTHREAD) WHIP HERE FOR CAR WASH



Figure 1

Model	Frequency	Overall "C" Length, Nominal (Fig. 1)	
<b>EM-MX0152</b>	152-162 MHz	18-3/4 in.	476 mm
<b>EM-MX0162</b>	162-174 MHz	16-7/8 in.	429 mm
<b>EM-MX0406</b>	380-450 MHz	7-1/2 in.	190 mm
<b>EM-MX0450</b>	450-520 MHz	6-9/16 in.	166 mm
<b>EM-MX0746</b>	746-894 MHz	4 in.	102 mm
<b>EM-MX0890</b>	890-960 MHz	3-5/8 in.	92 mm

Table 1