

*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 Vehicle Mount (Sold Separately). Secure the antenna with firm hand torque.
3. **Automatic Car Wash Note:** For optimal protection of the NMO vehicle mount, **DO NOT** remove the NMO antenna base 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.
4. **HIGH VIBRATION APPLICATIONS:** Applying firm hand torque to the upper whip assembly should be sufficient to secure the whip to the NMO base adapter. **Note:** For applications where high vibration is experienced, the whip assembly may be torqued 15-20 lbf-in. (17-23 kgf-cm) max. Exceeding maximum torque can cause permanent damage to the antenna.

DETACH (UNTHREAD) WHIP HERE FOR CAR WASH

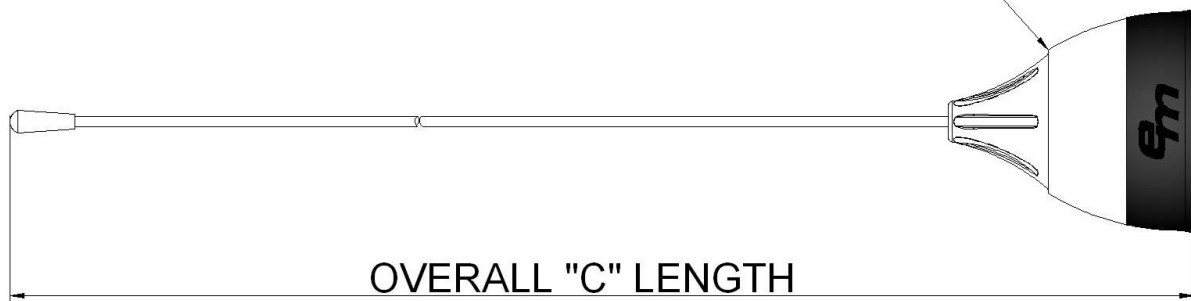


Figure 1

Model	Frequency	Overall "C" Length, Nominal (Fig. 1)	
<b>EM-MX0152</b>	152-162 MHz	18-7/8 in.	479 mm
<b>EM-MX0450</b>	450-520 MHz	6-9/16 in.	166 mm
<b>EM-MX0746</b>	746-894 MHz	4-1/8 in.	105 mm

Table 1