



INSTALLATION INSTRUCTIONS
EM-M11005 (746-960 MHz)
BROADBAND
QUARTER-WAVE NMO MOUNT ANTENNA

*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. Parts (Figure 1):

- Verify all parts are included with the Antenna as shown in Figure 1.
 - Antenna Whip
 - NMO Base Mount Adapter
 - O-Ring



Figure 1

2. Tools:

- No tools are necessary for installation.
- The antenna is intended to be installed using a firm hand torque until the sealing O-ring is completely compressed against the installation surface.

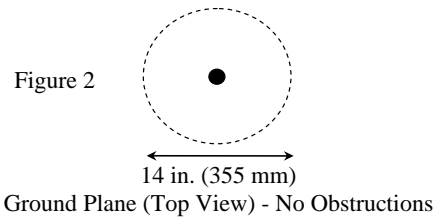


Figure 2

3. Pre-Installation (Figure 2):

- The EM-M11005 antenna is designed for installation to a standard NMO mount.
- For best electrical performance, the metallic ground plane surface diameter should be approximately 14" (355 mm) or greater.
- Verify that the surface immediately surrounding the NMO mount, is properly cleaned.



Figure 3

4. Installation (Figures 3 & 4):

- a. Firmly press O-ring into O-ring seat on bottom of NMO Base Adapter (Fig. 3).
- b. Verify contact spring is completely extended. If necessary, adjust by pulling the contact outward (Fig. 4).
- c. Thread NMO Base Mount Adapter onto the NMO mount. Tighten by hand until O-Ring is completely seated against mounting surface.
- d. Thread Antenna Whip firmly onto NMO Base Mount Adapter.



Figure 4