INSTALLATION INSTRUCTIONS

EM-M11010 (850-902 MHz)
3 dBd/5dBi 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.

a. Antenna Whip
b. NMO Base Mount Adapter
c. O-Ring

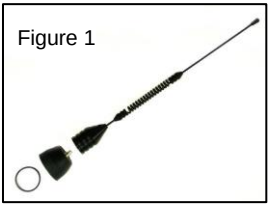
Figure 1

2. Tools:

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

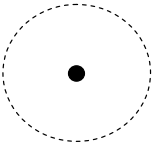
Figure 2

14 in. (355 mm)
Ground Plane (Top View)
No Obstructions

3. Pre-Installation (Figure 2):

a. The EM-M11010 antenna is designed for installation to a standard NMO mount.
b. For best electrical performance, the metallic ground plane surface diameter should be approximately 14" (355 mm) or greater.
c. 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 (Figure 3).
b. Verify contact spring is completely extended. If necessary, adjust by pulling the contact outward (Figure 4).
c. Thread NMO Base Mount Adapter onto the vehicle 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