This document provides information on the installation of your Cellular to 900 MHz Gateway.

Figure 5 - Recommended Gateway Installation

- Waterproof all RF connectors that are exposed to the environment using rubber tape or other approved sealants.
- Secure Coaxial Cable.
- 1-1/8”-2” Mast (EMT, IMT, or rigid).
- Utility closet or dry space with power and network connectivity.
- Make penetration through exterior wall. Sleeve as necessary to protect coaxial cable.
- 14/3 Severe Duty cord. Provides easy means of disconnect for service and power cycling.

READ COMPLETELY PRIOR TO INSTALLATION.
Gateway Assembly

Pull the 3 power wires and the Ethernet cable through the 2 enclosure knockouts. (Figure 1.)

Connect wires as shown in the wiring diagram.

Custom security latch - self-tapping screw or F81 lock. Optional custom security screw requires a special key and washer not included.

Antenna Mounting Requirements

For Roof Mount – Antenna MUST clear all walls and structures (Figure 2.)

For Wall Mount – Antenna MUST be mounted high enough to clear all walls and structures (Figure 2. and 3.)

For Pole Mount – Antenna MUST extend past the top of pole and be clear of all walls and structures (Figure 3.)

ANTENNA MOUNTING IS CRITICAL – For details see (Figure 4.) and (Figure 5. on the back)

Wiring Diagram

Pull the 3 power wires and the Ethernet cable through the 2 enclosure knockouts. (Figure 1.)

Connect wires as shown in the wiring diagram.

Custom security latch - self-tapping screw or F81 lock. Optional custom security screw requires a special key and washer not included.