

Newport Harbor Mate



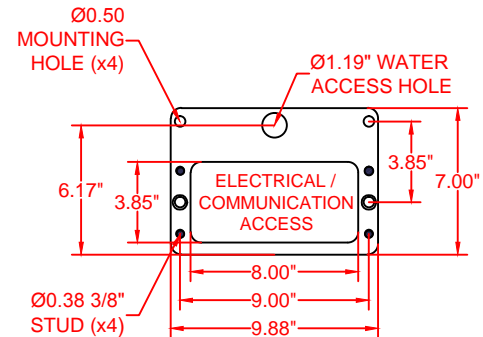
**Dimensions**

Height: 42.20" (1071.88 mm)  
 Width: 10.50" (266.70 mm)  
 Depth: 10.40" (264.16 mm)

Approximate  
 Weight: 35 lbs. (15.9 kg)

**UL FILE # E133781**

Newport Harbor Mate with Stand Base Diagram



## General Specifications for Newport Harbor Mate with Stand

**All Power Pedestals Must Meet the Following:**

**Part I. General:**

**1.1 General Requirements:**

- A. Shall be tested and certified to be in compliance with ANSI/UL 231 entitled "power outlets."
- B. If a laboratory other than U.L. is used that laboratory must certify, in writing, that the power outlet has been tested and meets all of the requirements of ANSI/UL 231, **including 746C polymeric materials, and that the unit will pass the 94VO-5V flame test.**
- C. Shall be certified to meet all sections of NFPA 303 DTD "2011 Marinas and Boatyards."
- D. Shall meet 406.8 (B)(2)(a) of the national electric code NFPA 70, i.e. "A receptacle installed in a wet location shall be installed in a weatherproof enclosure, the integrity of which is not affected when the attachment plug cap is inserted."

**Part II. Products:**

**2.1 Acceptable Manufacturers - Power Pedestal / Distribution Equipment:**

- A. Dock Boxes Unlimited, Inc.  
 www.dockboxes.com  
 Toll Free: 1-800-559-4269

**2.2 Power Pedestal - General Specification**

- A. Main Housing:
  - a. The housing shall be constructed of 1/8" thick injection resin heavy resin material and shall be coated with a UV-resistant polyester resin powder coat. It shall be UL listed as a type 3R weatherproof enclosure.



- B. Lighting Assembly / Housing:
  - a. STANDARD - Each pedestal shall be equipped with non-metered light. The light shall be a LED, that is controlled by an electromechanical photocell and protected by a 20 amp, single pole breaker.
  - b. OPTION - Each pedestal shall be equipped with a non-metered CFL light, that is controlled by an electromechanical photocell and protected by a 20 amp, single pole breaker.
  
- C. Stainless Steel Stand:
  - a. The stand shall be 42.20" tall and constructed of 16 gauge, 316L stainless steel.
  
- D. Wiring:
  - a. The power pedestal shall be completely pre-wired at the factory to the load side of the compression lug assembly.
  - b. All load copper wiring shall be of high stranding and tin plated to resist corrosion.
  - c. The maximum size of the line wiring shall be 350 MCM direct feed or #4/0 loop feed with stainless steel stand.
  
- E. Loop Feed Bus Bar System:
  - a. STANDARD - 250 Amp Bus Bar - The bus system shall be of stud compression terminal type using a 3/8" - silicon-bronze stud with a silicon-bronze Belleville type washer. The 3/8" - silicon-bronze hex-nut shall be torqued to 150 inch-pounds with a maximum amperage rating of 250 amps.
  - b. OPTION - Single and double barrel mechanical bus bars - rated for copper or aluminum - are also available in sizes ranging from #8 to 350MCM.
  
- F. Grounding:
  - a. All exposed metallic parts must have an integral ground that is a part of the equipment grounding system.
  
- G. Receptacles:
  - a. Receptacles shall be mounted behind a lockable weatherproof, hinged door that is under tension to ensure proper closing pressure when the receptacle is or is not in use.
  - b. All receptacles shall be mounted at least 24" above the dock.
  - c. All receptacles under 60 amps shall be of the corrosion resistant type conforming to NEMA L-5 and/or NEMA L-6 requirements and are rated for marine use.
  - d. 20 Amp, 110 Volt, straight blade receptacles shall be GFI protected.
  - e. 20 Amp, 125 Volt, twist-lock receptacles shall be 2 pole, 3 wire (NEMA L5-20).
  - f. 30 Amp, 125 Volt, twist-lock receptacles shall be 2 pole, 3 wire (NEMA L5-30).
  - g. 50 Amp, 125 Volt, twist-lock receptacles shall be 2 pole, 3 wire (NEMA SS-1).
  - h. 50 Amp, 125/250 Volt, twist-lock receptacles shall be 3 pole, 4 wire (NEMA SS-2).



H. Circuit Breakers:

- a. All breakers for receptacles shall be of the thermal magnetic type, 10,000 A.I.C., and shall be UL listed.
- b. Circuit breakers shall be located under lockable, weatherproof door.
- c. Circuit breakers for the 20 Amp, 110 Volt, straight blade receptacles and the 20 Amp, 125 Volt, twist-lock receptacles shall be single pole, 20 Amp.
- d. Circuit Breakers for the 30 Amp, 125 Volt, twist-lock receptacles shall be single pole, 30 Amp.
- e. Circuit Breakers for the 50 Amp, 125 Volt, twist-lock receptacles shall be single pole, 50 Amp.
- f. Circuit breakers for the 50 Amp, 125/250 Volt, twist-lock receptacles shall be two pole, 50 Amp.

I. Hose/Cable Bracket:

- a. Each pedestal shall have one heavy resin bracket capable of holding a 50' length of 5/8" water hose or 50' of 50 Amp, four-conductor boat S.O. cord.

J. Metering (Optional):

- a. 120 Amp Meter - The pedestals shall be equipped with fully electronic meters that display the kilowatts used at each slip on a non-resettable digital counter that is protected from the weather. The accuracy of the meters must be certified by the manufacturer to have a 120 ampere rating and no more than a 2% error when tested in accordance with ANSI.-C12.1.(California requires 1%).

K. Communications (Optional):

- a. Each pedestal may be equipped with up to four outlets for each slip. Each outlet shall contain a combination of RJ45 (internet) receptacles, RJ11 (telephone) receptacles, or male coax (cable TV) connectors under an injection-molded heavy resin, weather protective cover.
- b. Each communication assembly shall include an internal isolation box for the separation of high and low voltage equipment.

L. Water:

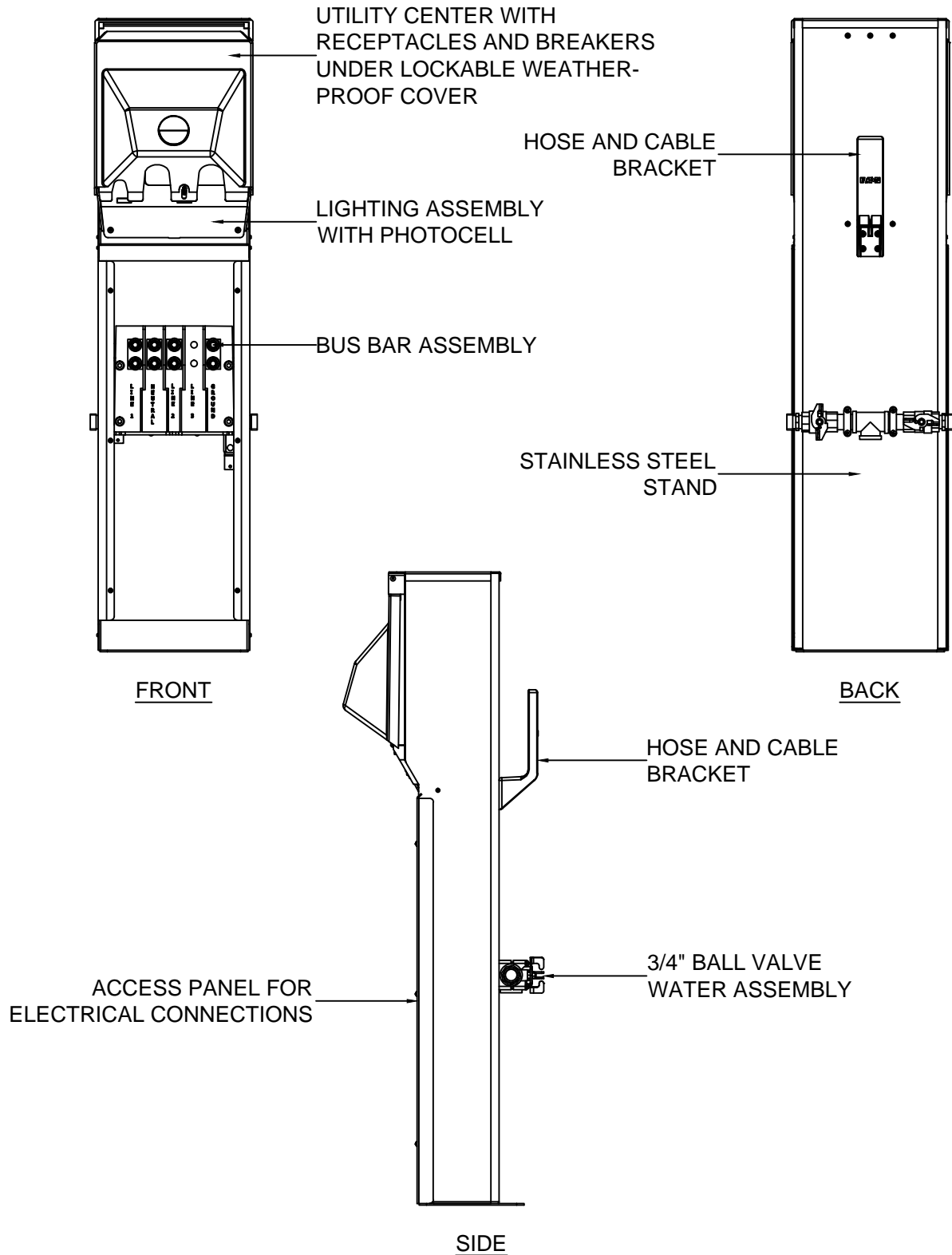
- a. The water connection shall be one (1) 3/4" inlet, which divides into two (2) 3/4" hose bibs. The valves shall be 1/4 turn ball valves.

M. Power Pedestals for A.D.A. Slips (Designated as Handicap Accessible):

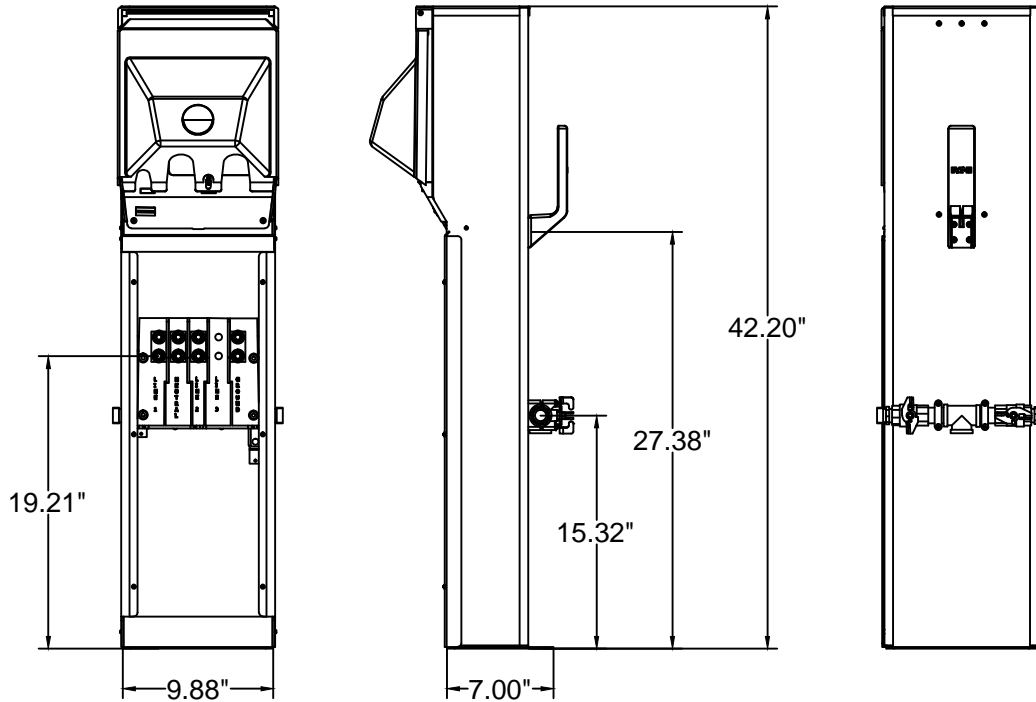
- a. Power pedestals installed on designated handicap accessible slips shall comply with the guidelines of the Americans With Disabilities Act of 1990.

(END OF SECTION - SEE SPECS BELOW)

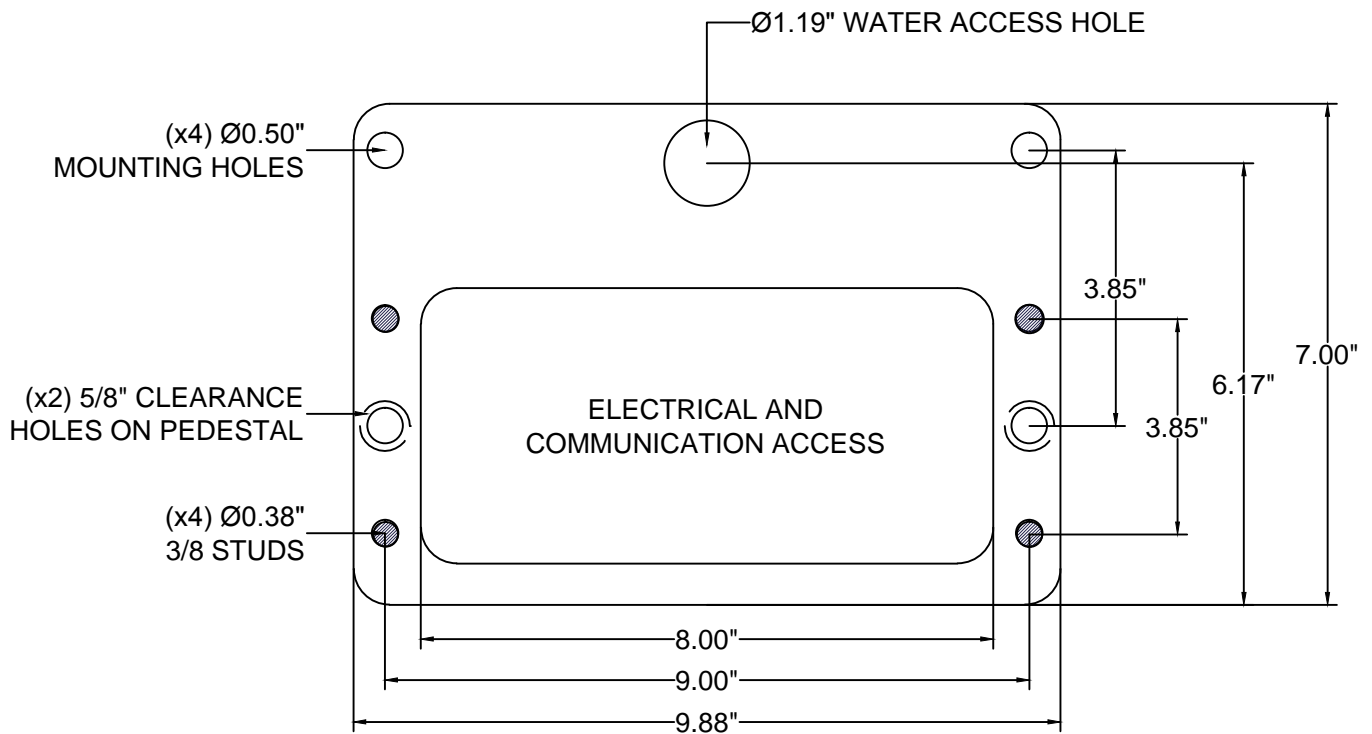
## Product Features



**Stand Dimensions**



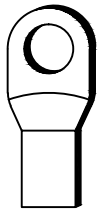
**Base Diagram - Compression Plate**



**Wiring Diagram - Stud Lug Bus Bar**

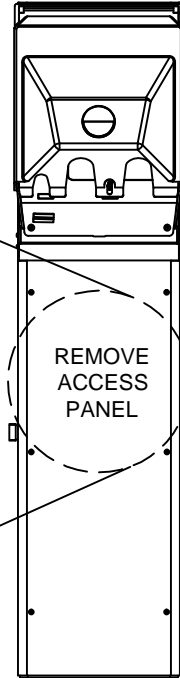
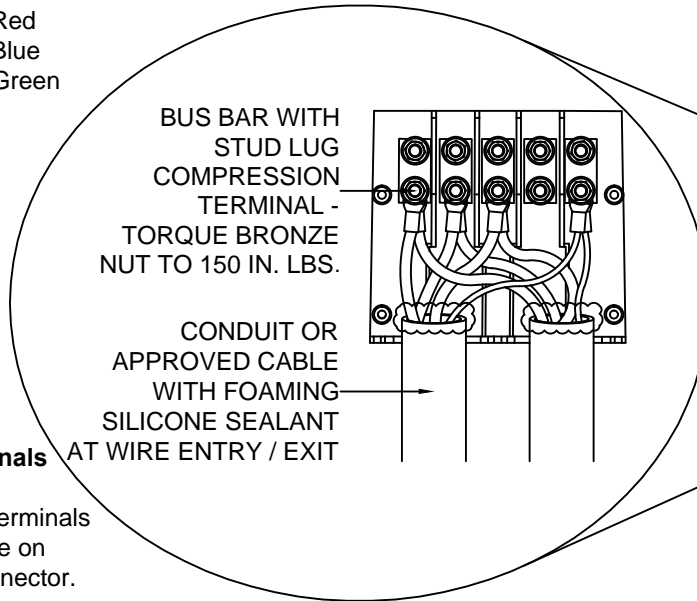
Wire Colors Per NEC

|         |    |       |
|---------|----|-------|
| Line 1  | L1 | Black |
| Neutral | N  | White |
| Line 2  | L2 | Red   |
| Line 3  | L3 | Blue  |
| Ground  | G  | Green |



**Compression Terminals (Not Included)**

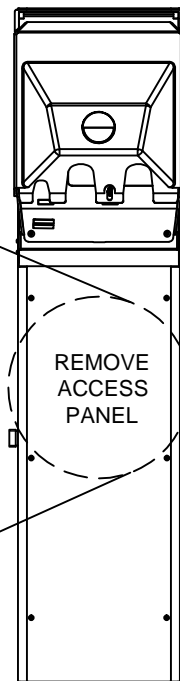
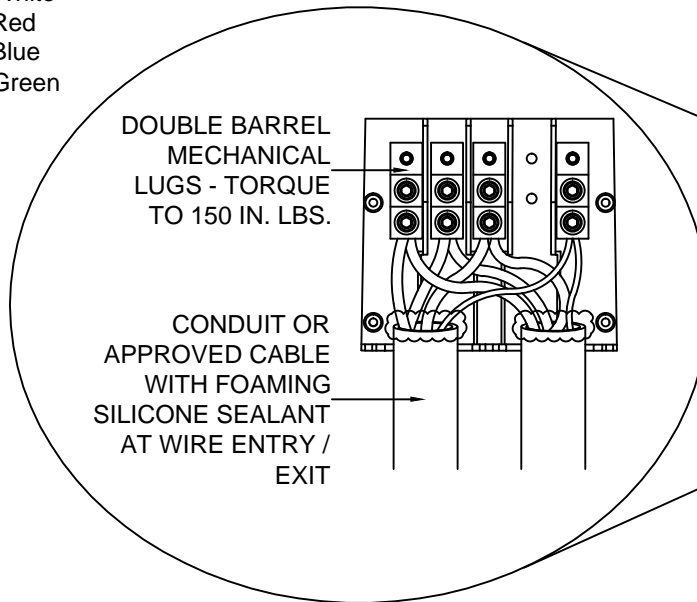
Contractor needs to terminals to line wires and place on provided stud lug connector.



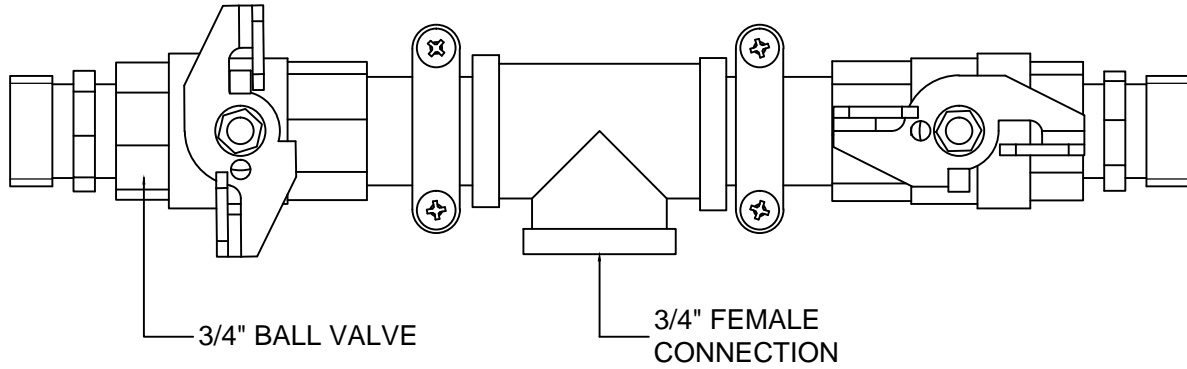
**Wiring Diagram - Aluminum Mechanical Bus Bar**

Wire Colors Per NEC

|         |    |       |
|---------|----|-------|
| Line 1  | L1 | Black |
| Neutral | N  | White |
| Line 2  | L2 | Red   |
| Line 3  | L3 | Blue  |
| Ground  | G  | Green |



**Water Assembly**

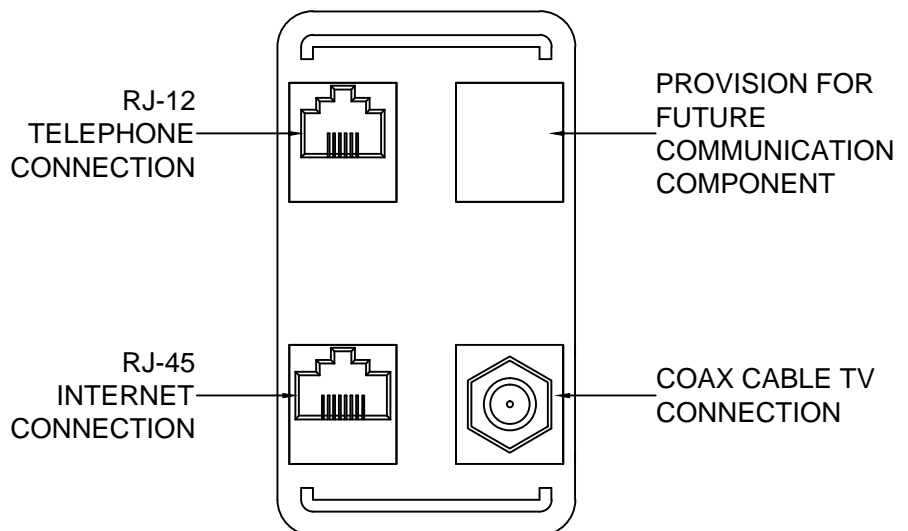


**Communications**

COMMUNICATION ASSEMBLIES INCLUDE ISOLATION BOXES FOR INTERNAL CONNECTIONS

CONNECTIONS AVAILABLE:

- MARINE TWIST-LOCK TELEPHONE
- RJ-12 CAT3 TELEPHONE JACK (HOUSEHOLD PHONE)
- RJ-45 CAT5 HIGH-SPEED INTERNET JACK
- COAX CABLE TV FCF FEMALE CONNECTION
- OTHER CONNECTIONS AVAILABLE UPON REQUEST



**Alternate Views**

