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tii 85
Sealed Subscriber Bridge with RJ45
tii P/N: 92212501
Rev C 01/08

INSTALLATION NOTE

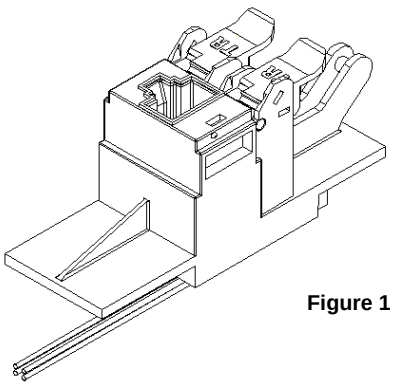


Figure 1

BASIC OPERATION

The tii 85 Sealed Subscriber Bridge with RJ45 (Bridge) maintains a constant direct connection between customer and central office service provider. The Bridge is equipped with a test jack and IDC terminations (see Figure 1). The test jack is provided as an access for test equipment to assure a signal is being received and transmitted properly.

INSTALLING THE SEALED SUBSCRIBER BRIDGE

- Remove the Bridge from plastic bag and inspect; if damaged, replace with an undamaged Bridge.
- Hold the Bridge with the cover pivot side on right.
- Lower the pivot side edge inside the designated installation cavity.
- Engage the right end ledge under the catch. (See Figure 2)
- Push the left side end down until the latch snaps closed.

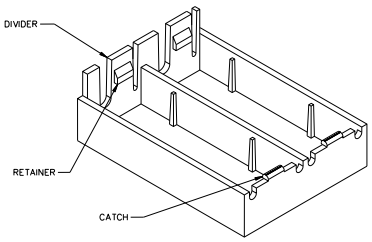
SEALED SUBSCRIBER BRIDGE WIRING

- The receive and transmit pairs are connected to the Bridge. Customer has the option of installing a #10 Master lock around the customer lock hasp (see Figure 1).
- Do not strip wire insulation from wires to be terminated to Bridge.
- Dress terminating wires (to protector) over NID divider (see Figure 3).
- Insert and terminate receive and transmit pair of wires into sealed IDC station protector (see protector installation note for further details).
- Open customer security cover on Bridge.
- Lift both Bridge rockers to the open position as shown (see Figure 1).
- Dress wires around customer security cover.
- Hold the customer receive pair wires between thumb and index finger (approx. 1/8" separation between wires).

NOTE: Wires should be aligned to the corresponding holes.

- Insert wires into wire guides at the same time until they bottom out.
- While holding wires in wire guides, terminate rocker with thumb (lower rocker all the way).
- Terminate transmit pair to rocker.
- Assure both rockers are in the down position and close customer security cover.

Figure 2



SIGNAL TESTING

- Open customer security cover.
- Using a portable data test set, insert dataline RJ-45 plug into customer test jack (see Figure 5).
- Verify that the portable data test set is able to communicate with central office.

NOTE: Both rockers must be in the fully lifted position to complete testing of installation.

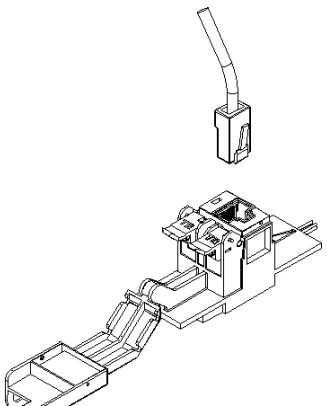


Figure 3