



tii network technologies

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**TII 166 SERIES**  
Wire Terminal Enclosures  
Rev C 02/08

## INSTALLATION NOTE

TII 166-12-2-2



### 1. GENERAL

- The TII 166 Series Wire Terminal Enclosures are used to connect drop wire and bridal wire for aerial wire drops. The enclosure is manufactured of rugged heavy duty weather resistant plastic.

### 2. INSTALLATION

- Locate the elongated mounting holes at the bottom of the enclosure and remove the flashing across the mounting holes.
- Use approved hardware to mount the enclosure to the surface/pole.
- Once the TII 166 has been mounted, the Telco side cable(s) and customer side cable(s) can be terminated to the wire terminal studs.

- Observe approved wiring practices at all times.
- Feed the telco side cable(s) and the customer side cable(s) through the two entry grommets located at the bottom of the enclosure
- To terminate, attach the telco cable wire under the bottom washer and nut of the terminal stud (Tip/Ring), securely tighten nut.
- After tightening the bottom nut, place customer cable wire under the top washer and nut of the terminal stud (Tip/Ring) and securely tighten nut (Figure 1).
- When more than one cable is placed under a nut, use washers between the wires (Figure 1).
- Use **caution** when terminating small gauge wire on the terminal studs, as the wires may catch in the threads of the terminal and be cut or broken when nuts are tightened.
- Check all nuts to make sure they are tight.
- Perform approved testing on completed installation.

Figure 1

