

TMS / ITS - Approved Products List

Fiber Cable Location System - Line Termination Unit (LTU)

The LTU shall be designed for outdoor use and is typically installed in roadside cabinets and vaults where only one cable exists. This unit is connected between the cable sheath and earth ground. This unit must provide the termination impedance required for cable locating tones. The following minimum characteristics shall be met:

- A. Provides a low impedance ground path for high voltage transients while allowing cable locating and monitoring signals to pass.
- B. Automatically Resets.
- C. Has a failsafe circuitry design.
- D. Has hybrid surge suppression circuitry.
- E. Contains No. 10 AWG or larger copper wire leads.
- F. Components are enclosed in an environmentally sealed, impact resistant enclosure.
- G. Designed for outside plant installation.