

TMS / ITS - Approved Products List

Fiber Cable Location System - Sheath Grounding Unit (SGU)

The SGU shall be designed for outdoor use and is typically installed in vaults and roadside cabinets where more than one cable exists. This unit is connected between the cable sheath and earth ground. 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. 6 AWG copper wire leads.
- F. Designed for below grade use.
- G. Components are enclosed in an environmentally sealed, impact resistant enclosure.