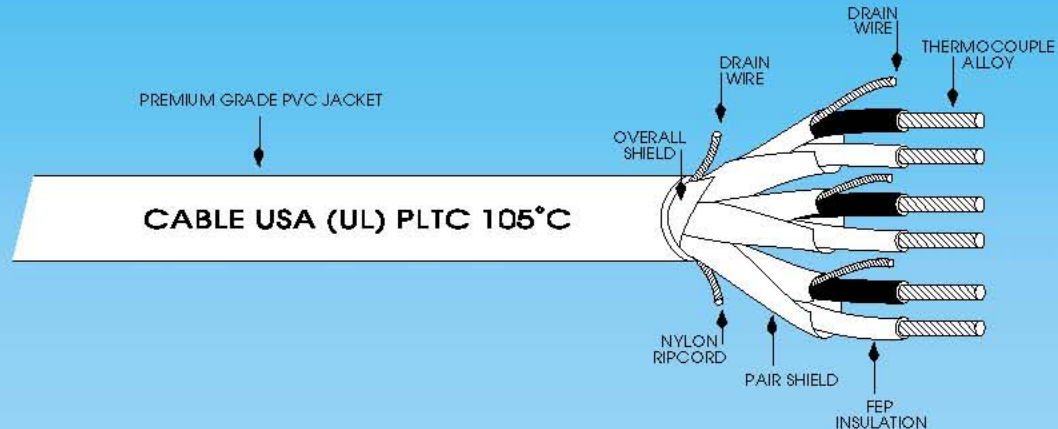




FEPV THERMOCOUPLE EXTENSION CABLE OVERALL SHIELD PLTC

300V



This specification covers **Cable USA** multi-pair thermocouple extension cable with an **overall shield** and FEP insulation with a premium grade PVC jacket. This cable is intended for use on Class 2 Power Limited Circuits as described in Article 725 of the National Electrical Code. The cable is constructed in accordance with the Standard for Power Limited Circuit Cable, UL 13. May be installed in wet or dry locations and is permitted for use in Class I Division II hazardous locations per NEC Article 501-4(b). A 22 AWG orange communications wire may be provided for 4 pair and larger for signaling during installation and servicing. FEP insulation is chemically inert and provides excellent electrical and mechanical properties. A nylon ripcord, applied longitudinally under the overall jacket, facilitates jacket removal. Flame-retardant premium grade PVC jacket provides a low-cost, oil and sunlight resistant jacket with good mechanical properties. **Cable USA FEP/PVC** thermocouple extension cable is available with **Cableclad** interlocked aluminum or galvanized interlocked armor, with or without an overall jacket.

PRODUCT FEATURES:

- **Calibration:** Annealed, solid thermocouple extension grade alloy calibrated to standard limits of error per ANSI-MC96.1 latest revision. Available in 24-14 AWG. Special limits of error are available.
- **Insulation:** Extruded **FEP** (200°C). Negative conductor is red and positive conductor and overall jacket is color coded per ANSI MC96.1.
- **Cable Core:** Conductor components are cabled together with suitable fillers to make round and a binder tape.
- **Shield:** Overall polyester backed aluminum with drain wire. The shield overlaps to assure continual coverage during flexing.
- **Jacket:** Flame retardant PVC which meets UL VW-1 Flame Test.
- **Interlocked Armor:** (Optional) **Cableclad** Zinc coated galvanized steel or aluminum strip turned and "interlocked" with the preceding turn.
- **Outer Jacket:** (Optional) Flame retardant polyvinyl chloride passes UL VW-1 Vertical Flame Test.