

# **COPPER INSTRUMENTATION CABLE**

**Overall Shield**  
**UL Listed 300 Volt PVC Insulated 221°F (105°C)**

### **Applications**

- Petrochemical Plants
- Utilities and Industrial Plants
- Instrumentation Circuits
- For use in NEC Article 725 ...Class 1 Division 2 Hazardous ...Locations
- Complies with NEC 725 for use in ...Class 2 and Class 3 Circuits

### **Product Features**

- UL Listed Subject 13 PLTC
- Rated 105C 300 Volt
- Flame Retardant
- Passes IEEE 383 Flame Test
- Passes VW-1 Flame Test
- Sunlight Resistant
- Available as Type ITC
- CPE and TPE Constructions ...Are Also Available

### **Product Specifications**

**Conductors:** Solid or stranded, bare or tinned copper  
12 to 22 AWG (2.44 to .63MM)

**Insulation:** Nominal .016" (.40MM) flame retardant PVC

**Color Code:** Pairs-black & white, numbered. Triads-black, white & red, numbered (other colors available)

**Construction:** Twisted pairs or triads

**Communication Wire:** 22 AWG (.61MM) 7-strand copper insulated with nominal .015" (.38MM) orange PVC (4 pair/triad and larger)

**Cable Shield:** .002" (.05MM) aluminum/polyester tape, 25% overlap

**Cable Drain Wire:** 20 AWG (.91MM) 7-strand tinned copper

**Outer Jacket:** Flame retardant PVC with ripcord under jacket



### **Ordering Code**

