

## Multi-Pair Instrumentation 600V, 90°C

### Construction

Soft annealed bare or tinned copper conductors, PVC insulated with a nylon overcoat, 90°C rated TFN, TFFN or THHN.

### Specifications

- UL Subject 1277
- UL 1685 Vertical Tray Flame Test comparable to IEEE 383 (70,000 BTU/hr.) Flame Test
- For use in cable trays, raceways, conduit or for aerial applications where installed with a messenger. For use within Class 1 Division 2 and Class 2 Division 2 hazardous locations, and intrinsically safe locations permitted by NEC® Article 392, 501, 502, 504 and 505

### Applications

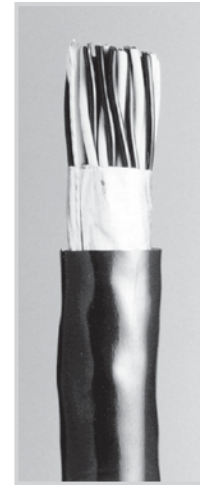
These cables are suitable for installation in wet or dry locations. Cable jackets are sunlight resistant, impervious to moisture and vapor penetration, and non-propagating. The cables can be used in raceways, aerial supported by messenger wire, outdoor applications and direct burial applications.

### Overall Shield

Recommended for use in instrumentation and control applications where signals are transmitted in excess of 100 millivolts except in areas where high voltage and current sources create excessive noise interference. The foil shield with drain wire provides 100% coverage for maximum shield effectiveness.

### Individually Shielded and Overall Shielded

Individually shielded pairs or triads with an overall shield are recommended for use in instrument and control applications where optimum noise rejection is required. Individual pair/triad shields are fully isolated from each other and contain a separate drain wire for grounding to provide maximum protection from crosstalk and common mode interference. Cables with an overall shield provide additional electrostatic noise protection.



*See referenced pages in the  
Hardware & Supplies section:*

#### **Installation Hardware**

- Cable Support Methods - A-5,  
D-5, D-16
- Pole Line Hardware

#### **Suggested Prep Tool**

- 721 Multi-Wire  
Stripper/Cutter - I-9