

COPPER INSTRUMENTATION CABLE

Individual/Overall Shield

UL Listed 600 Volt PVC/Nylon Insulated 194°F (90°C)

Applications

- Petrochemical Plants
- Utilities and Industrial Plants
- Power and Control Circuits
- For use in NEC Article 501
...Class 1 Division 2 Hazardous
...Locations
- Complies with NEC 725 for
...use in Class 1 Control Circuits
- For use in Accordance with
...NEC 340

Product Features

- UL Listed Subject 1277 TC
- Rated 90C 600 Volt
- Flame Retardant
- Primaries Type TFN and THHN
- Passes IEEE 383 Flame Test
- Sunlight Resistant
- Direct Burial
- CPE and TPE Constructions
...Are Also Available

Product Specifications

Conductors: Solid or stranded, bare or tinned copper
12 to 18 AWG (2.44 to 1.2MM)
(Thermocouple conductors are also available)

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

Insulation Jacket: Nominal .0045" (.11MM) clear nylon

Color Code: Per customer request, pairs or triads numbered

Construction: Twisted pairs or triads

Individual Shield: .00135" (.03MM) aluminum/polyester tape,
25% overlap

Individual Drain Wire: 22 AWG (.61MM) 7-strand tinned copper

Communication Wire: 18 AWG (1.2MM) 7-strand copper insulated with
nominal
.016" (.40MM) orange PVC/.0045" (.11MM) clear
nylon

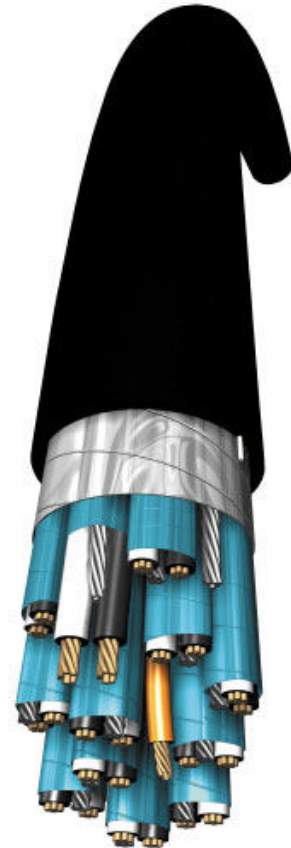
Cable Shield: (4 pair/triad and larger)

.002" (.05MM) aluminum/polyester tape,

Cable Drain Wire: 25% overlap

Outer Jacket: 20 AWG (.91MM) 7-strand tinned copper

Flame retardant PVC with ripcord under jacket



Ordering Code

