

Fire Protective Signaling Cable Shielded

Description:

- ASTM bare copper
- PVC insulation
- Short overall twist lengths (six twists per foot)
- Polyester binders as required
- Overall shielded 100% coverage aluminum polyester foil with 20 AWG strd. TC drain wire
- Overall 75° C PVC jacket
- Standard spool size 1000 feet

Rating:

- UL listed NEC type FPL
- Constructed in accordance with UL Standard 1424
- Complies with UL 1666 Vertical Shaft (riser) Flame Test
- Temperature range: -20° C to 75° C dry locations
- Meets 300 volt requirement as specified in Section 760-51 (c) of the NEC

Applications

Indoor (non-conduit per NEC) Data Grade

Fire Alarm Cable for:

- Audio Circuits
- Control Circuits
- Initiating Circuits
- Notification Circuits

Color Code:

Conductors: 1. Black, 2. Red

Jacket: Red

CAUTION: Dry locations only. The electronic characteristics of this cable may change due to excessive tension, crushing, and application of pulling compounds during installation.



| Construction | |
|---------------------------|----------------------------|
| Number of Pairs | 1 |
| AWG Size | 16 |
| Stranding | Solid |
| Nom. Insulation Thickness | .010 (.25mm) |
| Shield Coverage | 100% Aluminum Polyester |
| Nom. Jacket Thickness | .020 (.51mm) |
| Nom. O.D. | .170 (4.32mm) |
| Drain Wire Size | 20 (7 x 28) |

| Electrical Characteristics Calculated Quantities | | |
|---|----------------|----------------|
| Capacitance | PF* per foot | 82 |
| | PF* per meter | 269 |
| | PF** per foot | 148 |
| | PF** per meter | 486 |
| Nom. D.C.R. (resistance) @ 20° C | | 4.1 Ω/1000 ft. |

*Nominal capacitance between conductors

**Nominal capacitance between one conductor and the others connected to the shield.

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