

Addressable System Fire Alarm Cables Unshielded

Description:

- ASTM bare copper
- Copolene II® insulation
- Short overall twist lengths (six twists per foot)
- Polyester binders as required
- 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 1581 Vertical Tray 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



Mechanical Characteristics	
Number of Pairs	1
AWG Size	18
Stranding	Solid
Nom. Insulation Thickness	.015 (.38 mm)
Nom. Jacket Thickness	.030 (.76 mm)
Nom. O.D.	.182 (4.62 mm)

Electrical Characteristics Nominal	
Capacitance @ 1 KHZ	16 pf/ft.*
	52 pf/M*
Inductance @ 1 KHZ	.188 uh /ft.
Conductor D.C.R. (Resistance) @ 20° C	6.5 Ω per 1000 feet

*Nominal capacitance between conductors.

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

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