

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 FPLR
- 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	18
Stranding	Solid
Nom. Insulation Thickness	.010 (.25mm)
Shield Coverage	100% Aluminum Polyester
Nom. Jacket Thickness	.020 (.51mm)
Nom. O.D.	.159 (4.04mm)
Drain Wire Size	20 (7 x 28)

Electrical Characteristics Calculated Quantities		
Capacitance	PF* per foot	73
	PF* per meter	239
	PF** per foot	133
	PF** per meter	436
Nom. D.C.R. (resistance) @ 20° C		6.5 Ω/1000 ft.

*Nominal capacitance between conductors

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

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