

# Technical Data Sheet

## Fire Alarm Cables



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<b>PART NUMBER:</b>	<b>977</b>
<b>DESCRIPTION:</b>	18/4 Solid bare copper conductors, shielded with an overall jacket.
<b>NEC RATING:</b>	FPLR, NEC Article 760
<b>APPROVALS:</b>	(UL) or (ETL)us Listed
<b>APPLICATION:</b>	Indoor for (Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits)

### Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	4
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.182" Nom.
Approximate Cable Weight	36 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

### Electrical & Environmental Properties:

Temperature Rating	-20°C To +75°C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	73 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	133 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.2 Ohms/1M' Nom.
Insulation Colors	Black, Red, Brown, Blue
Jacket Color	Red-Black-White-Yellow
RoHS Compliant	Yes

### Mechanical Properties:

Max. Recommended Pull Tension	99 lbs.
Min. Bend Radius (Install)	1.8"

Specification Issue Date: 7/06

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Standard Lengths are 1000ft.  
The Jacket is sequentially footmarked.  
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