

# Technical Data Sheet

## Fire Alarm Cables



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<b>PART NUMBER:</b>	<b>976</b>
<b>DESCRIPTION:</b>	18/3 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)

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### Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	3
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.167" Nom.
Approximate Cable Weight	26 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

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### Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg 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	6.5 Ohms/1M' Nom.
Insulation Colors	Black, Red, Brown
Jacket Color	Red
RoHS Compliant	--

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### Mechanical Properties:

Max. Recommended Pull Tension	85 lbs.
Min. Bend Radius (Install)	1.6"

Specification Issue Date: 7/06

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