

# Technical Data Sheet

## Fire Alarm Cables- Addressable

# WEST PENN WIRE

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<b>PART NUMBER:</b>	<b>D980</b>
<b>DESCRIPTION:</b>	18/2 Solid bare copper conductors, unshielded with an overall jacket.
<b>NEC RATING:</b>	FPL, NEC Article 760
<b>APPROVALS:</b>	(UL) or (ETL)us Listed
<b>APPLICATION:</b>	Indoor data fire alarm cable for (Data Circuits, Initiating Circuits, Notification Circuits, Addressable Systems)

### Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Copolene
Insulation Thickness	0.015" Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	PVC
Jacket Thickness	0.030" Nom.
Overall Cable Diameter	0.182" Nom.
Approximate Cable Weight	21 Lbs/1M' Nom.
Flame Rating	UL 1581 Vertical Tray Flame Test

### Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	16 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.
Velocity of Propagation	71% Nom.
Insulation Colors	Black, Red
Jacket Color	Red
RoHS Compliant	--

### Mechanical Properties:

Max. Recommended Pull Tension	39.2 lbs.
Min. Bend Radius (Install)	2"

Specification Issue Date: 7/06

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