

Technical Data Sheet

Fire Alarm Cables



WEST PENN WIRE

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PART NUMBER:	970
DESCRIPTION:	18/2 Solid bare copper conductors, parallel construction.
NEC RATING:	FPL, NEC Article 760
APPROVALS:	(UL) or (ETL)us Listed
APPLICATION:	Indoor for: Power –Limited Fire Protective Circuits

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.032” Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	PVC
Overall Cable Diameter	0.104"x.204” Nom.
Approximate Cable Weight	20 Lbs/1M' Nom.
Flame Rating	UL1581

Electrical & Environmental Properties:

Temperature Rating	-10deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.
Insulation Colors	Red, White, Orange, Brown, Blue, Black
Jacket Color	No Jacket
RoHS Compliant	--

Mechanical Properties:

Max. Recommended Pull Tension	38 lbs.
Min. Bend Radius (Install)	--

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