

Technical Data Sheet

Fire Alarm Cables

WEST PENN WIRE



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

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.008" Nom.
Number of Conductors	4
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.180" 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"



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