

Technical Data Sheet

Fire Alarm Cables

WEST PENN WIRE



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PART NUMBER:	975
DESCRIPTION:	18/2 Solid bare copper conductors, shielded with an overall jacket.
NEC RATING:	FPLR, NEC Article 760
APPROVALS:	(UL) Listed
APPLICATION:	Indoor for (Fire Alarm, 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	2
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.150" Nom.
Rip Cord	Yes
Approximate Cable Weight	22 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test
NEC Article	760
Other Specifications	California State Fire Marshall

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	6.4 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Red, Blue, White, Yellow
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	53.2 lbs.
Min. Bend Radius (Install)	1.5"

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Put Ups:

Advantage Box - 1000ft

Advantage Box - 500ft

Colors Available:

975 -RD - RED

975-YE - YELLOW

975-BK- BLACK

975-B- BLUE

975-WH- WHITE

975-GN- GREEN

Tracer Stripping is available



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