

Technical Data Sheet

Fire Alarm Cables- Addressable

WEST PENN WIRE



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PART NUMBER:	D60975
DESCRIPTION:	18/2 Solid bare copper conductors, shielded with an overall jacket.
NEC RATING:	FPLP, NEC Article 760
APPROVALS:	(UL) or (ETL)us Listed
APPLICATION:	Indoor within ducts, plenums, and other spaces used for environmental air for (Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits)

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Fluoropolymer
Insulation Thickness	0.012" Nom.
Number of Conductors	2
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	Fluoropolymer
Jacket Thickness	0.010" Nom.
Overall Cable Diameter	0.185" Nom.
Approximate Cable Weight	26 Lbs/1M' Nom.
Flame Rating	NFPA- 262 Flame Test

Electrical & Environmental Properties:

Temperature Rating	-10deg C to 125deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	25 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	45 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.4 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Red
RoHS Compliant	No

Mechanical Properties:

Max. Recommended Pull Tension	53.2 lbs.
Min. Bend Radius (Install)	1.875"

Specification Issue Date: 7/06

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Cold Environment Precautions: Due to the nature of
PVC Compounds to become non-pliable when stored
or handled in ambient temperatures of 32 deg. F or
less, we recommend the following:

**“Prior to installation, condition the cable for at
least 24 hours at room temperature to provide the
best flex properties for ease of installation.”**

Standard Lengths are 1000ft.

The Jacket is sequentially footmarked.

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