

Technical Data Sheet

Fire Alarm Cables



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PART NUMBER:	60977B
DESCRIPTION:	18/4 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	Polymer Alloy
Insulation Thickness	0.010" Nom.
Number of Conductors	4
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	Flexible Plenum
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.148" Nom.
Approximate Cable Weight	36 Lbs/1M' Nom.
Flame Rating	NFPA- 262 Flame Test

Electrical & Environmental Properties:

Temperature Rating	-10deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	54 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	97 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.5 Ohms/1M' Nom.
Insulation Colors	Black, Red, Brown, Blue
Jacket Color	Red
RoHS Compliant	--

Mechanical Properties:

Max. Recommended Pull Tension	104 lbs.
Min. Bend Radius (Install)	1.7"

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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