

# Technical Data Sheet

## Plenum Communication Cables

# WEST PENN WIRE



2833 West Chestnut Street  
Washington, PA 15301  
Toll Free: (800) 245-4964  
Fax: (724) 222-6420  
www.westpenn-wpw.com

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<b>PART NUMBER:</b>	<b>25224B</b>
<b>DESCRIPTION:</b>	18/2 Stranded bare copper conductors, unshielded with an overall jacket.
<b>NEC RATING:</b>	CMP, NEC Article 800
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor within ducts, plenums, and other spaces used for environmental air for (Intercom Systems, Security Systems, Sound, Audio, Background Music)

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### Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	7x26
Insulation Material	Polymer Alloy
Insulation Thickness	0.010" Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	Flexible Plenum
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.138" Nom.
Approximate Cable Weight	17 Lbs/1M' Nom.
Flame Rating	NFPA 262 Flame Test

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### Electrical & Environmental Properties:

Temperature Rating	-10°C To +60°C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	30 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.2 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Gray, Black, Blue, Green, Yellow
RoHS Compliant	Yes

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### Mechanical Properties:

Max. Recommended Pull Tension	42 lbs
Min. Bend Radius (Install)	1.4"

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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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