

# Technical Data Sheet Communication Cables

# WEST PENN WIRE



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<b>PART NUMBER:</b>	<b>25227B</b>
<b>DESCRIPTION:</b>	12/2 Stranded bare copper conductors, unshielded with an overall jacket.
<b>NEC RATING:</b>	CL2P, NEC Article 725
<b>APPROVALS:</b>	(UL) or (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	12 AWG Bare Copper
Stranding	19x25
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	0.221" Nom.
Approximate Cable Weight	54 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	150 V RMS
Max.Capacitance Between Conductors @ 1 KHz	36 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	1.7 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Gray
RoHS Compliant	Yes

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## Mechanical Properties:

Max. Recommended Pull Tension	146 lbs
Min. Bend Radius (Install)	2.5"

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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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