

# Technical Data Sheet Communication Cables



# WEST PENN WIRE

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<b>PART NUMBER:</b>	<b>420</b>
<b>DESCRIPTION:</b>	22 AWG.- 2 PAIR Solid bare copper conductors, individually shielded with an overall jacket.
<b>NEC RATING:</b>	CMR, NEC Article 800
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor for: Intercom, Security, Sound, Audio, Background Music, and Power Limited Control Circuits.

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## Construction Parameters:

Conductor	22 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	4 (2 Pair)
Shield	Each Pair 100% Aluminum Foil
Drain	Solid Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.195" Nom.
Approximate Cable Weight	25 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

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## Electrical & Environmental Properties:

Temperature Rating	-20°C To +60°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	17.5 Ohms/1M' Nom.
Insulation Colors	Black/Red-Red, Black/White-White
Jacket Color	Gray
RoHS Compliant	--

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## Mechanical Properties:

Max. Recommended Pull Tension	56 Lbs.
Min. Bend Radius (Install)	1.9"

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Specification Issue Date: 7/06 Rev.1 5/07

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