

# Technical Data Sheet Communication Cables

# WEST PENN WIRE



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|---------------------|---|
| <b>PART NUMBER:</b> | <b>270</b>  |
| <b>DESCRIPTION:</b> | 22/6 Stranded bare copper conductors, unshielded 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                | 7x30                     |
| Insulation Material      | PVC                      |
| Insulation Thickness     | 0.010" Nom.              |
| Number of Conductors     | 6                        |
| Shield                   | None                     |
| Drain                    | None                     |
| Jacket Material          | PVC                      |
| Jacket Thickness         | 0.015" Nom.              |
| Overall Cable Diameter   | 0.183" Nom.              |
| Approximate Cable Weight | 25.1 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 | 25 pf/ft Nom.                         |
| DC Resistance per Conductor @ 20deg C      | 17 Ohms/1M' Nom.                      |
| Insulation Colors                          | Black, Red, White, Green, Brown, Blue |
| Jacket Color                               | Gray                                  |
| RoHS Compliant                             | Yes                                   |

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## Mechanical Properties:

|                               |           |
|-------------------------------|-----------|
| Max. Recommended Pull Tension | 54.6 lbs. |
| Min. Bend Radius (Install)    | 1.75"     |

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Specification Issue Date: 7/06

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