

# Technical Data Sheet

## Communication Cables

# WEST PENN WIRE



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|---------------------|---|
| <b>PART NUMBER:</b> | <b>283</b>  |
| <b>DESCRIPTION:</b> | 18/12 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                | 18 AWG Bare Copper       |
| Stranding                | 7x/26                    |
| Insulation Material      | PVC                      |
| Insulation Thickness     | 0.008" Nom.              |
| Number of Conductors     | 12                       |
| Shield                   | None                     |
| Drain                    | None                     |
| Jacket Material          | PVC                      |
| Jacket Thickness         | 0.017" Nom.              |
| Overall Cable Diameter   | 0.298" Nom.              |
| Approximate Cable Weight | 93 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 | 30 pf/ft Nom.  |
| DC Resistance per Conductor @ 20deg C      | 6.2 Ohms/1M' Nom.  |
| Insulation Colors                          | Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan |
| Jacket Color                               | Gray   |
| RoHS Compliant                             | --   |

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### Mechanical Properties:

|                               |          |
|-------------------------------|----------|
| Max. Recommended Pull Tension | 255 Lbs. |
| Min. Bend Radius (Install)    | 3.1"     |

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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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