

## 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      | Flex Plenum PVC     |
| Insulation Thickness     | 0.010" Nom.         |
| Number of Conductors     | 2                   |
| Shield                   | None                |
| Drain                    | None                |
| Jacket Material          | Flex Plenum PVC     |
| Jacket Thickness         | 0.015" Nom.         |
| Overall Cable Diameter   | 0.256" 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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Standard Lengths are 1000ft.  
The Jacket is sequentially footmarked.  
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