

# Technical Data Sheet

## Fire Alarm Cables

# WEST PENN WIRE



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|---------------------|--|
| <b>PART NUMBER:</b> | <b>60994B</b>  |
| <b>DESCRIPTION:</b> | 12/2 Solid bare copper conductors, shielded with an overall jacket.  |
| <b>NEC RATING:</b>  | FPLP, NEC Article 760  |
| <b>APPROVALS:</b>   | (UL) Listed  |
| <b>APPLICATION:</b> | Indoor within ducts, plenums, and other spaces used for environmental air for (Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits) |

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### Construction Parameters:

|                          |                              |
|--------------------------|------------------------------|
| Conductor                | 12 AWG Bare Copper           |
| Stranding                | Solid                        |
| Insulation Material      | PVC                          |
| Insulation Thickness     | 0.010" Nom.                  |
| Number of Conductors     | 2                            |
| Shield                   | 100% Aluminum Polyester Foil |
| Drain                    | Stranded Tinned Copper       |
| Jacket Material          | PVC                          |
| Jacket Thickness         | 0.015" Nom.                  |
| Overall Cable Diameter   | 0.243" Nom.                  |
| Approximate Cable Weight | 54 Lbs/1M' Nom.              |
| Flame Rating             | NFPA- 262 Flame Test         |

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### Electrical & Environmental Properties:

|  |                     |
|--|---------------------|
| Temperature Rating                               | -10deg C to 60deg C |
| Operating Voltage                                | 300 V RMS           |
| Max.Capacitance Between Conductors @ 1 KHz       | 96 pf/ft Nom.       |
| Capacitance Between Conductors to Shield @ 1 KHz | 173 pf/ft Nom.      |
| DC Resistance per Conductor @ 20deg C            | 1.8 Ohms/1M' Nom.   |
| Insulation Colors                                | Black, Red          |
| Jacket Color                                     | Red                 |
| RoHS Compliant                                   | Yes                 |

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### Mechanical Properties:

|                               |          |
|-------------------------------|----------|
| Max. Recommended Pull Tension | 166 lbs. |
| Min. Bend Radius (Install)    | 2.2"     |

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