

# Technical Data Sheet

## Fire Alarm Cables



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|---------------------|---|
| <b>PART NUMBER:</b> | <b>251975</b>   |
| <b>DESCRIPTION:</b> | 18/2 Solid bare copper conductors, shielded with an overall jacket.   |
| <b>NEC RATING:</b>  | NPLFP, NEC Article 760  |
| <b>APPROVALS:</b>   | (UL) or (ETL)us Listed  |
| <b>APPLICATION:</b> | Indoor environmental air, Article 760 of the NEC (Control Circuits, Initiating Circuits, Notification Circuits) |

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### Construction Parameters:

|                          |                              |
|--------------------------|------------------------------|
| Conductor                | 18 AWG Bare Copper           |
| Stranding                | Solid                        |
| Insulation Material      | PVC                          |
| Insulation Thickness     | 0.020" Nom.                  |
| Number of Conductors     | 2                            |
| Shield                   | 100% Aluminum Polyester Foil |
| Drain                    | Stranded Tinned Copper       |
| Jacket Material          | PVC                          |
| Jacket Thickness         | 0.010" Nom.                  |
| Overall Cable Diameter   | 0.195" Nom.                  |
| Approximate Cable Weight | 39 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                                | 150 V RMS           |
| Max.Capacitance Between Conductors @ 1 KHz       | pf/ft Nom.          |
| Capacitance Between Conductors to Shield @ 1 KHz | pf/ft Nom.          |
| DC Resistance per Conductor @ 20deg C            | 6.5 Ohms/1M' Nom.   |
| Insulation Colors                                | Black, Red          |
| Jacket Color                                     | Red                 |
| RoHS Compliant                                   | --                  |

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### Mechanical Properties:

|                               |         |
|-------------------------------|---------|
| Max. Recommended Pull Tension | 62 lbs. |
| Min. Bend Radius (Install)    | 1.9"    |

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