

Technical Data Sheet

Fire Alarm Cables

WEST PENN WIRE



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| | |
|---------------------|---|
| PART NUMBER: | 990 |
| DESCRIPTION: | 16/2 Solid bare copper conductors, unshielded with an overall jacket. |
| NEC RATING: | FPLR, NEC Article 760 |
| APPROVALS: | (UL) Listed |
| APPLICATION: | Indoor for (Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits) |

Construction Parameters:

| | |
|--------------------------|--------------------------|
| Conductor | 16 AWG Bare Copper |
| Stranding | Solid |
| Insulation Material | Polypropylene |
| Insulation Thickness | 0.007" Nom. |
| Number of Conductors | 2 |
| Shield | None |
| Drain | None |
| Jacket Material | PVC |
| Jacket Thickness | 0.017" Nom. |
| Overall Cable Diameter | 0.168" Nom. |
| Approximate Cable Weight | 25 Lbs/1M' Nom. |
| Flame Rating | UL 1666 Riser Flame Test |

Electrical & Environmental Properties:

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|--|--------------------------|
| Temperature Rating | -20deg C to 60deg C |
| Operating Voltage | 300 V RMS |
| Max.Capacitance Between Conductors @ 1 KHz | 23 pf/ft Nom. |
| DC Resistance per Conductor @ 20deg C | 4.1 Ohms/1M' Nom. |
| Nom. Impedance | 91 Ohms |
| Insulation Colors | Black, Red |
| Jacket Color | Red, Blue, White, Yellow |
| RoHS Compliant | Yes |

Mechanical Properties:

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|-------------------------------|-----------|
| Max. Recommended Pull Tension | 62.4 lbs. |
| Min. Bend Radius (Install) | 1.75" |



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