

Technical Data Sheet

Data Grade Cables

WEST PENN WIRE

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|---------------------|--|
| PART NUMBER: | D2402 |
| DESCRIPTION: | 2 Pair 24 Awg. Stranded tinned copper conductors, shielded with an overall jacket. |
| NEC RATING: | CM, NEC Article 800 |
| APPROVALS: | (UL) or c(ETL)us Listed |
| APPLICATION: | Indoor data cable for: Control, Signaling, Electronic, Microprocessor Based. |

Construction Parameters:

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|--------------------------|------------------------------|
| Conductor | 24 AWG Tinned Copper |
| Stranding | 7x32 |
| Insulation Material | Polyolefin |
| Insulation Thickness | 0.013" Nom. |
| Number of Conductors | 4 |
| Shield | 100% Aluminum Polyester Foil |
| Drain | Stranded Tinned Copper |
| Jacket Material | PVC |
| Jacket Thickness | 0.030" Nom. |
| Overall Cable Diameter | 0.228" Nom. |
| Approximate Cable Weight | 23 Lbs/1M' Nom. |
| Flame Rating | UL 1685 |

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 | 14.5 pf/ft Nom. |
| Capacitance Between Conductors to Shield @ 1 KHz | 26 pf/ft Nom. |
| DC Resistance per Conductor @ 20deg C | 26 Ohms/1M' Nom. |
| Velocity of Propagation | 71% Nom. |
| Impedance | 100Ω Nom |
| Insulation Colors | 1. Black/Red, Black/White |
| Jacket Color | Gray |
| RoHS Compliant | -- |

Mechanical Properties:

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|-------------------------------|---------|
| Max. Recommended Pull Tension | 46 lbs. |
| Min. Bend Radius (Install) | 2.2" |

Specification Issue Date: 7/06

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