

Technical Data Sheet

Plenum Communication Cables

WEST PENN WIRE



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| | |
|---------------------|--|
| PART NUMBER: | 25295B |
| DESCRIPTION: | 14/2 stranded bare copper conductors, shielded with an overall jacket. |
| RATING: | CL2P, NEC Article 725 |
| APPROVALS: | (UL) or (ETL)us Listed |
| APPLICATION: | Indoor within ducts, plenums, and other spaces used for environmental air for (Intercom Systems, Security Systems, Sound, Audio, Background Music) |

Construction Parameters:

| | |
|--------------------------|------------------------------|
| Conductor | 14 AWG Bare Copper |
| Stranding | 19x27 |
| Insulation Material | Flex Plenum PVC |
| Insulation Thickness | 0.010" Nom. |
| Number of Conductors | 2 |
| Shield | 100% Aluminum Polyester Foil |
| Drain | Stranded Tinned Copper |
| Jacket Material | Flex Plenum PVC |
| Jacket Thickness | 0.015" Nom. |
| Overall Cable Diameter | 0.222" Nom. |
| Approximate Cable Weight | 46 Lbs/1M' Nom. |
| Flame Rating | NFPA 262 Flame Test |

Electrical & Environmental Properties:

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|--|-------------------|
| Temperature Rating | -10°C To +60°C |
| Operating Voltage | 150 V RMS |
| Max.Capacitance Between Conductors @ 1 KHz | 76 pf/ft Nom. |
| Capacitance Between Conductors to Shield @ 1 KHz | 137 pf/ft Nom. |
| DC Resistance per Conductor @ 20deg C | 2.7 Ohms/1M' Nom. |
| Insulation Colors | Black, Red |
| Jacket Color | Gray |
| RoHS Compliant | -- |

Mechanical Properties:

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|-------------------------------|---------|
| Max. Recommended Pull Tension | 115 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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