

Technical Data Sheet

Communication Cables

WEST PENN WIRE



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| | |
|---------------------|---|
| PART NUMBER: | 282 |
| DESCRIPTION: | 18/9 Stranded bare copper conductors, unshielded with an overall jacket. |
| NEC RATING: | CMR, NEC Article 800 |
| APPROVALS: | (UL) C(UL) Listed or c(ETL)us Listed |
| APPLICATION: | Indoor for: Intercom, Security, Sound, Audio, Background Music, and Power Limited Control Circuits. |

Construction Parameters:

| | |
|--------------------------|--------------------------|
| Conductor | 18 AWG Bare Copper |
| Stranding | 7x26 |
| Insulation Material | PVC |
| Insulation Thickness | 0.008" Nom. |
| Number of Conductors | 9 |
| Shield | None |
| Drain | None |
| Jacket Material | PVC |
| Jacket Thickness | 0.017" Nom. |
| Overall Cable Diameter | 0.263" Nom. |
| Approximate Cable Weight | 72Lbs/1M' Nom. |
| Flame Rating | UL 1666 Riser Flame Test |

Electrical & Environmental Properties:

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|--|---|
| Temperature Rating | -20°C To +60°C |
| Operating Voltage | 300 V RMS |
| Max.Capacitance Between Conductors @ 1 KHz | 30 pf/ft Nom. |
| DC Resistance per Conductor @ 20deg C | 6.2 Ohms/1M' Nom. |
| Insulation Colors | Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple |
| Jacket Color | Gray |
| RoHS Compliant | -- |

Mechanical Properties:

| | |
|-------------------------------|--------|
| Max. Recommended Pull Tension | 190lbs |
| Min. Bend Radius (Install) | 2.8" |

Specification Issue Date: 7/06

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