

Technical Data Sheet Communication Cables



WEST PENN WIRE

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| | |
|---------------------|---|
| PART NUMBER: | 301 |
| DESCRIPTION: | 22/3 Stranded tinned copper conductors, shielded with an overall jacket |
| NEC RATING: | CMR, NEC Article 800 |
| APPROVALS: | (UL) C(UL) Listed or c(ETL)us Listed |
| APPLICATION: | Communications Cable for Riser |

Construction Parameters:

| | |
|--------------------------|------------------------------|
| Conductor | 22 AWG Tinned Copper |
| Stranding | 7x30 |
| Insulation Material | PVC |
| Insulation Thickness | 0.007" Nom. |
| Number of Conductors | 3 |
| Shield | 100% Aluminum Polyester Foil |
| Drain | Stranded Tinned Copper |
| Jacket Material | PVC |
| Jacket Thickness | 0.017" Nom. |
| Overall Cable Diameter | 0.138" Nom. |
| Approximate Cable Weight | 13.7 Lbs/1M' Nom. |
| Flame Rating | UL 1666 Riser Flame Test |

Electrical & Environmental Properties:

| | |
|--|-------------------|
| Temperature Rating | -20°C To +60°C |
| Operating Voltage | 300 V RMS |
| Max.Capacitance Between Conductors @ 1 KHz | 55 pf/ft Nom. |
| Capacitance Between Conductors to Shield @ 1 KHz | 99 pf/ft Nom. |
| DC Resistance per Conductor @ 20deg C | 17 Ohms/1M' Nom. |
| Insulation Colors | Black, Red, White |
| Jacket Color | Gray |
| RoHS Compliant | Yes |

Mechanical Properties:

| | |
|-------------------------------|---------|
| Max. Recommended Pull Tension | 46 lbs. |
| Min. Bend Radius (Install) | 1.4" |



Specification Issue Date: 7/06

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