

# Technical Data Sheet Communication Cables



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|---------------------|---|
| <b>PART NUMBER:</b> | <b>280</b>  |
| <b>DESCRIPTION:</b> | 18/5 Stranded bare copper conductors, unshielded with an overall jacket                             |
| <b>NEC RATING:</b>  | CMR, NEC Article 800  |
| <b>APPROVALS:</b>   | (UL) C(UL) Listed or c(ETL)us Listed  |
| <b>APPLICATION:</b> | Indoor for: Intercom, Security, Sound, Audio, Background Music, and Power Limited Control Circuits. |

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## Construction Parameters:

|                          |                          |
|--------------------------|--------------------------|
| Conductor                | 18 AWG Bare Copper       |
| Stranding                | 7x26                     |
| Insulation Material      | Polypropylene            |
| Insulation Thickness     | 0.008" Nom.              |
| Number of Conductors     | 5                        |
| Shield                   | None                     |
| Drain                    | None                     |
| Jacket Material          | PVC                      |
| Jacket Thickness         | 0.017" Nom.              |
| Overall Cable Diameter   | 0.205" Nom.              |
| Approximate Cable Weight | 41 Lbs/1M' Nom.          |
| Flame Rating             | UL 1666 Riser Flame Test |

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## Electrical & Environmental Properties:

|  |                                 |
|--|---------------------------------|
| Temperature Rating                         | -20°C To +60°C                  |
| Operating Voltage                          | 300 V RMS                       |
| Max.Capacitance Between Conductors @ 1 KHz | 21.5 pf/ft Nom.                 |
| DC Resistance per Conductor @ 20deg C      | 6.2 Ohms/1M' Nom.               |
| Insulation Colors                          | Black, Red, White, Green, Brown |
| Jacket Color                               | Gray                            |
| RoHS Compliant                             | Yes                             |

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## Mechanical Properties:

|                               |          |
|-------------------------------|----------|
| Max. Recommended Pull Tension | 112 lbs. |
| Min. Bend Radius (Install)    | 2.1"     |

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Specification Issue Date: 7/14

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