

## Technical Data Sheet Communication Cables



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|                     |  |
|---------------------|--|
| <b>PART NUMBER:</b> | <b>224</b>   |
| <b>DESCRIPTION:</b> | 18/2 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 |

### Construction Parameters:

|                          |                          |
|--------------------------|--------------------------|
| Conductor                | 18 AWG Bare Copper       |
| Stranding                | 7x26                     |
| Insulation Material      | Polypropylene            |
| Insulation Thickness     | 0.007" Nom.              |
| Number of Conductors     | 2                        |
| Shield                   | None                     |
| Drain                    | None                     |
| Jacket Material          | PVC                      |
| Jacket Thickness         | 0.017" Nom.              |
| Overall Cable Diameter   | 0.156" Nom.              |
| Approximate Cable Weight | 16.1 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 | 21.5pf/ft Nom.            |
| DC Resistance per Conductor @ 20deg C      | 6.2 Ohms/1M' Nom.         |
| Insulation Colors                          | Black ,Red                |
| Jacket Color                               | Gray, Black, Brown, White |
| RoHS Compliant                             | Yes                       |

### Mechanical Properties:

|                               |         |
|-------------------------------|---------|
| Max. Recommended Pull Tension | 42 lbs. |
| Min. Bend Radius (Install)    | 1.6"    |



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