

## Copper Cable, category 3, 100 pair, U/UTP, CM rated, 1000 ft, gray



- Exceptional 100-Ohm series cables for both analog and digital services
- Meets or exceeds industry requirements and environmental regulations
- Small outside diameter and cross-sectional area in bundles and cable
- Innovative design and enhanced electrical and mechanical performance

### Product Classification

|                              |                    |
|------------------------------|--------------------|
| <b>Regional Availability</b> | Asia               |
| <b>Portfolio</b>             | NETCONNECT®        |
| <b>Product Type</b>          | Twisted pair cable |
| <b>Product Series</b>        | 310 Series         |

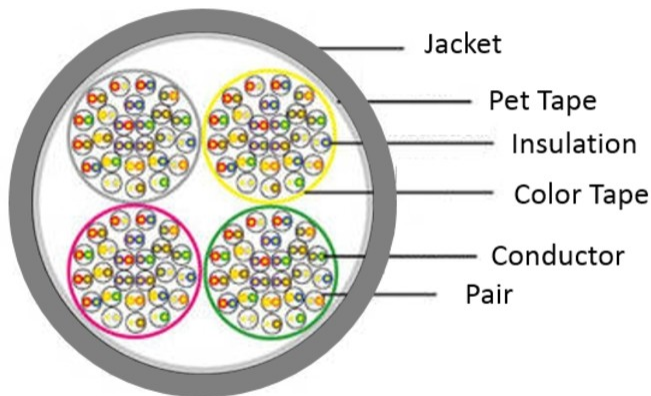
### General Specifications

|                                |   |
|--------------------------------|---|
| <b>ANSI/TIA Category</b>       | 3   |
| <b>Cable Component Type</b>    | Horizontal  |
| <b>Cable Type</b>              | U/UTP (unshielded)  |
| <b>Conductor Type, singles</b> | Solid   |
| <b>Conductors, quantity</b>    | 200   |
| <b>Jacket Color</b>            | Gray  |
| <b>Pairs, quantity</b>         | 100   |
| <b>Transmission Standards</b>  | ANSI/TIA-568.2-D   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E |

### Dimensions

|                                      |                      |
|--------------------------------------|----------------------|
| <b>Cable Length</b>                  | 304.8 m   1000 ft    |
| <b>Diameter Over Jacket, nominal</b> | 18.009 mm   0.709 in |
| <b>Conductor Gauge, singles</b>      | 26 AWG               |

### Cross Section Drawing



## Electrical Specifications

|   |                                   |
|---|-----------------------------------|
| <b>Characteristic Impedance</b>           | 100 ohm                           |
| <b>Characteristic Impedance Tolerance</b> | ±15 ohm                           |
| <b>dc Resistance, maximum</b>             | 14 ohms/100 m   4.267 ohms/100 ft |
| <b>Mutual Capacitance at Frequency</b>    | 5.6 nF/100 m @ 1 kHz              |
| <b>Operating Voltage, maximum</b>         | 80 V                              |

## Material Specifications

|                            |             |
|----------------------------|-------------|
| <b>Conductor Material</b>  | Bare copper |
| <b>Insulation Material</b> | Polyolefin  |
| <b>Jacket Material</b>     | PVC         |

## Mechanical Specifications

|  |                  |
|--|------------------|
| <b>Minimum Bend Radius, multiple Bends</b> | 72 mm   2.835 in |
|--|------------------|

## Environmental Specifications

|                              |                                     |
|------------------------------|-------------------------------------|
| <b>Operating Temperature</b> | -20 °C to +60 °C (-4 °F to +140 °F) |
| <b>Storage Temperature</b>   | -20 °C to +70 °C (-4 °F to +158 °F) |
| <b>Flame Test Method</b>     | NEC Article 800   UL 444            |

## Packaging and Weights

**Packaging Type**

Reel

## Regulatory Compliance/Certifications

**Agency**

**Classification**

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

