



## 310 Series Copper Cable, category 3, 50 pair, U/UTP, CMR 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>Portfolio</b>	NETCONNECT®
<b>Product Series</b>	310 Series
<b>Product Type</b>	Twisted pair cable
<b>Regional Availability</b>	Asia

### Construction Materials

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

### Dimensions

<b>Cable Length</b>	305 m   1000 ft
<b>Diameter Over Jacket, nominal</b>	13.000 mm   0.512 in

### Electrical Specifications

<b>ANSI/TIA Category</b>	3
<b>Characteristic Impedance</b>	100 ohm
<b>Characteristic Impedance Tolerance</b>	±15 ohm
<b>dc Resistance, maximum</b>	14.00 ohms/100 m
<b>Mutual Capacitance</b>	5.6 nF/100 m @ 1 kHz
<b>Operating Voltage, maximum</b>	80 V
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E

### Environmental Specifications

<b>Flame Test Method</b>	NEC Article 800   UL 444
<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)

### General Specifications

<b>Cable Type</b>	U/UTP (unshielded)
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<b>Packaging Type</b>	Reel
<b>Pairs, quantity</b>	50
<b>Cable Component Type</b>	Horizontal
<b>Jacket Color</b>	Gray
<b>Conductor Gauge, singles</b>	26 AWG
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	100

## Mechanical Specifications

**Minimum Bend Radius, multiple bends** 52.00 mm | 2.05 in

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant

