



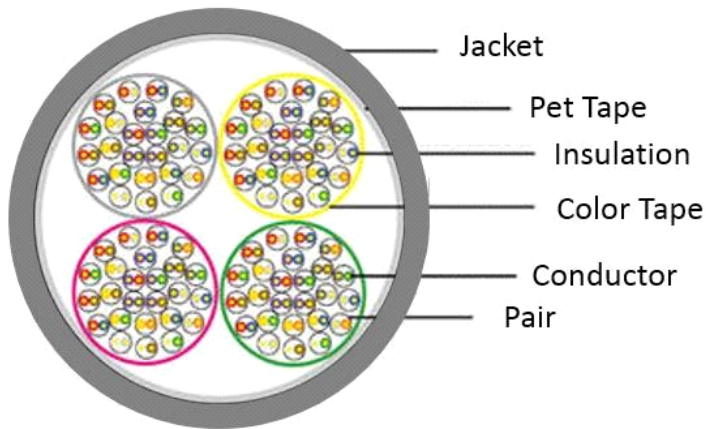
### 310 Series Copper Cable, category 3, 100 pair, U/UTP, LSZH rated, 1000 ft, gray

- 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

### Cross Section Drawing



### Construction Materials

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin

### Dimensions

<b>Cable Length</b>	305 m   1000 ft
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**Diameter Over Jacket, nominal** 18.000 mm | 0.709 in

## Electrical Specifications

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

## Environmental Specifications

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

## General Specifications

**Cable Type** U/UTP (unshielded)  
**Packaging Type** Reel  
**Pairs, quantity** 100  
**Cable Component Type** Horizontal  
**Jacket Color** Gray  
**Conductor Gauge, singles** 26 AWG  
**Conductor Type, singles** Solid  
**Conductors, quantity** 200

## Mechanical Specifications

**Minimum Bend Radius, multiple bends** 72.00 mm | 2.83 in

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant

