

## 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

### OBSOLETE

This product was discontinued on: August 31, 2022

#### Replaced By:

1859746-4

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## 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>	24.994 mm   0.984 in

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**Conductor Gauge, singles** 24 AWG

## Electrical Specifications

**Characteristic Impedance** 100 ohm

**Characteristic Impedance Tolerance** ±15 ohm

**dc Resistance, maximum** 9.38 ohms/100 m | 2.859 ohms/100 ft

**Mutual Capacitance at Frequency** 5.6 nF/100 m @ 1 kHz

**Operating Voltage, maximum** 80 V

## Material Specifications

**Conductor Material** Bare copper

**Insulation Material** Polyolefin

**Jacket Material** Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

**Minimum Bend Radius, multiple Bends** 100 mm | 3.937 in

## Environmental Specifications

**Operating Temperature** -20 °C to +60 °C (-4 °F to +140 °F)

**Flame Test Method** 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 <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

