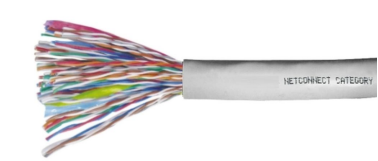


Copper Cable, category 3, 50 pair, U/UTP, LSZH rated, 3300 ft, gray



- 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

Regional Availability	Asia
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

General Specifications

ANSI/TIA Category	3
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	100
Jacket Color	Gray
Pairs, quantity	50
Transmission Standards	ANSI/TIA-568.2-D   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E

Dimensions

Cable Length	1,005.84 m   3300 ft
Diameter Over Jacket, nominal	13.005 mm   0.512 in
Conductor Gauge, singles	26 AWG

Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	14 ohms/100 m   4.267 ohms/100 ft
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz

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**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** 52 mm | 2.047 in

## Environmental Specifications

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

## Packaging and Weights

**Packaging Type** Reel