



310 Series Copper Cable, category 3, 50 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

Portfolio	NETCONNECT®
Product Series	310 Series
Product Type	Twisted pair cable
Regional Availability	Asia

Construction Materials

Jacket Material	Low Smoke Zero Halogen (LSZH)
Conductor Material	Bare copper
Insulation Material	Polyolefin

Dimensions

Cable Length	305 m 1000 ft
Diameter Over Jacket, nominal	13.000 mm 0.512 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)
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Packaging Type	Reel
Pairs, quantity	50
Cable Component Type	Horizontal
Jacket Color	Gray
Conductor Gauge, singles	26 AWG
Conductor Type, singles	Solid
Conductors, quantity	100

Mechanical Specifications

Minimum Bend Radius, multiple bends 52.00 mm | 2.05 in

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant

