

Copper Cable, category 3, 25 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:

1859748-4

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Product Classification

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

General Specifications

ANSI/TIA Category	3
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	50
Jacket Color	Gray
Pairs, quantity	25
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class E

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	10.008 mm 0.394 in

9-1427315-1

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 33.2 mm | 1.307 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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

