

6-57315-1

Copper Cable, category 3, 100 pair, U/UTP, CMR rated, 500 m wooden reel, 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

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	200
Jacket Color	Gray
Pairs, quantity	100
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class E

Dimensions

Cable Length	500 m 1,640.42 ft
Diameter Over Jacket, nominal	19.99 mm 0.787 in
Conductor Gauge, singles	24 AWG

Electrical Specifications

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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	PVC

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
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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

