



310 Series Copper Cable, category 3, 50 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

Product Classification

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

Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Insulation Material	Polyolefin

Dimensions

Cable Length	500 m 1640 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	9.38 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	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	100

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant

