



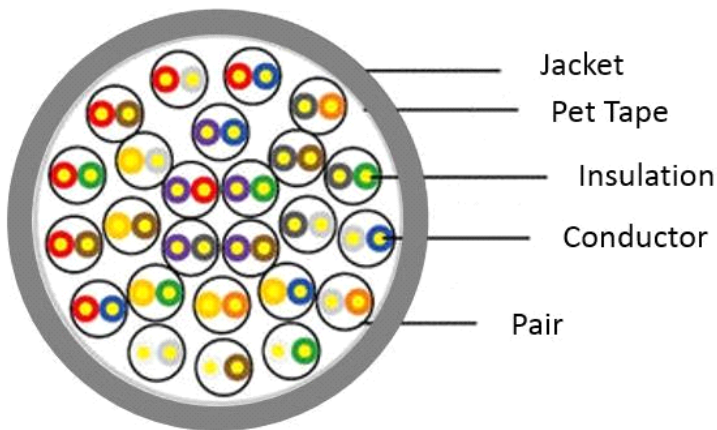
310 Series Copper Cable, category 3, 25 pair, U/UTP, CMR rated, 500 m wooden reel, gray

- 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

Cross Section Drawing



Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Insulation Material	Polyolefin

Dimensions

Cable Length	500 m 1640 ft
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Diameter Over Jacket, nominal 9.000 mm | 0.354 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)
Packaging Type Reel
Pairs, quantity 25
Cable Component Type Horizontal
Jacket Color Gray
Conductor Gauge, singles 24 AWG
Conductor Type, singles Solid
Conductors, quantity 50

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification
Compliant

