Copper Cable, category 3, 25 pair, U/UTP, CMR 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

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
8.992 mm | 0.354 in

Conductor Gauge, singles
26 AWG

Cross Section Drawing
Electrical Specifications

Characteristic Impedance  100 ohm
Characteristic Impedance Tolerance  ±15 ohm
dc Resistance, maximum  14 ohms/100 m | 4.267 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

Mechanical Specifications

Minimum Bend Radius, multiple Bends  36 mm | 1.417 in

Environmental Specifications

Operating Temperature  -20 °C to +60 °C (-4 °F to +140 °F)
Storage Temperature  -20 °C to +70 °C (-4 °F to +158 °F)
Flame Test Method  NEC Article 800 | UL 444

Packaging and Weights
### Regulatory Compliance/Certifications

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<tr>
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<td>Below maximum concentration value</td>
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