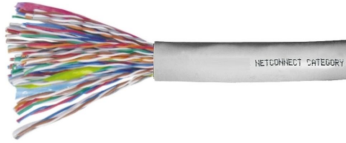


2-57313-1

Copper Cable, category 3, 50 pair, U/UTP, CMR rated, 1000m 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 | 100 |
| Jacket Color | Gray |
| Pairs, quantity | 50 |
| 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 | 13.005 mm 0.512 in |
| Conductor Gauge, singles | 24 AWG |

Electrical Specifications

2-57313-1

| | |
|---|-------------------------------------|
| 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 |

Mechanical Specifications

| | |
|--|------------------|
| Minimum Bend Radius, multiple Bends | 52 mm 2.047 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

| | |
|-----------------------|------|
| 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 |

