

Category 6 U/UTP Cable, 24AWG, low smoke zero halogen, white jacket, 4 pair count, 305 m length Reel in box

Product Classification

| | |
|------------------------------|--|
| Regional Availability | Asia Latin America China Australia/New Zealand |
| Portfolio | NETCONNECT® |
| Product Type | Twisted pair cable |

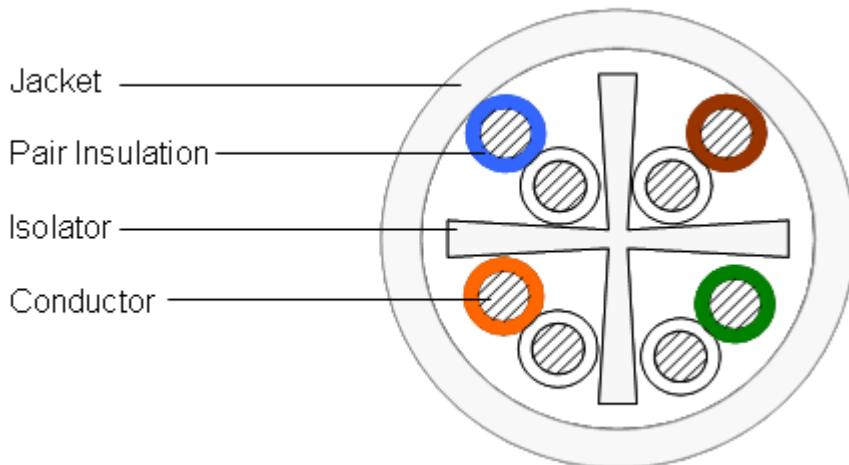
General Specifications

| | |
|--------------------------------|--------------------|
| Product Number | CS30Z1 |
| ANSI/TIA Category | 6 |
| Cable Component Type | Horizontal |
| Cable Type | U/UTP (unshielded) |
| Conductor Type, singles | Solid |
| Conductors, quantity | 8 |
| Jacket Color | White |
| Pairs, quantity | 4 |
| Separator Type | Isolator |
| Transmission Standards | ANSI/TIA-568.2-D |

Dimensions

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|--|----------------------|
| Cable Length | 304.8 m 1000 ft |
| Diameter Over Insulated Conductor | 0.978 mm 0.0385 in |
| Diameter Over Jacket, nominal | 5.588 mm 0.22 in |
| Conductor Gauge, singles | 24 AWG |

Cross Section Drawing



Electrical Specifications

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|--|---|
| Characteristic Impedance | 100 ohm |
| Characteristic Impedance Tolerance | ± 15 ohm |
| Nominal Velocity of Propagation (NVP) | 68 % |
| Operating Voltage, maximum | 80 V |
| Remote Powering | Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A |

Material Specifications

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|----------------------------|-------------------------------|
| Conductor Material | Bare copper |
| Insulation Material | Polyolefin |
| Jacket Material | Low Smoke Zero Halogen (LSZH) |
| Separator Material | Polyolefin |

Environmental Specifications

| | |
|---------------------------------|-------------------------------------|
| Installation temperature | 0 °C to +60 °C (+32 °F to +140 °F) |
| Operating Temperature | -20 °C to +60 °C (-4 °F to +140 °F) |

| | |
|----------------------|-------------------------------|
| Acid Gas Test Method | IEC 60754-2 |
| Environmental Space | Low Smoke Zero Halogen (LSZH) |
| Flame Test Method | IEC 60332-1 |
| Smoke Test Method | IEC 61034-2 |

Packaging and Weights

| | |
|----------------|-------------|
| Packaging Type | Reel in box |
|----------------|-------------|

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| RCM | Compliant to electrical safety & telecommunications requirements |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

