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
- **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
- **Cable Length**: 304.8 m | 1000 ft
- **Diameter Over Conductor**: 0.978 mm | 0.038 in
- **Diameter Over Jacket, nominal**: 5.588 mm | 0.22 in
- **Conductor Gauge, singles**: 24 AWG

### Cross Section Drawing
Electrical Specifications

Characteristic Impedance: 100 ohm
Characteristic Impedance Tolerance: ±15 ohm
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

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

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant</td>
</tr>
</tbody>
</table>