Category 6 U/UTP Cable, 24AWG, low smoke zero halogen, blue jacket, 4 pair count, 500 m length Reel

Product Classification

Regional Availability  
Asia

Portfolio  
NETCONNECT®

Product Type  
Twisted pair cable

General Specifications

ANSI/TIA Category  
6

Cable Component Type  
Horizontal

Cable Type  
U/UTP (unshielded)

Conductor Type, singles  
Solid

Conductors, quantity  
8

Jacket Color  
Blue

Pairs, quantity  
4

Separator Type  
Isolator

Transmission Standards  
ANSI/TIA-568.2-D

Dimensions

Cable Length  
500 m | 1,640.42 ft

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 |

Regulatory Compliance/Certifications

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<tr>
<th>Agency</th>
<th>Classification</th>
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<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>
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<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>
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