Copper Cable, category 6, 4 pair, UTP, CMR rated, 24 AWG, 305 m reel in box, gray

Product Classification

Regional Availability
Asia

Portfolio
NETCONNECT®

Product Type
Twisted pair cable

General Specifications

Product Number
CS30R

ANSI/TIA Category
6

Cable Component Type
Horizontal

Cable Type
U/UTP (unshielded)

Conductor Type, singles
Solid

Conductors, quantity
8

Jacket Color
Gray

Pairs, quantity
4

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 Conductor
0.978 mm  |  0.038 in

Diameter Over Jacket, nominal
5.588 mm  |  0.22 in

Conductor Gauge, singles
24 AWG

Electrical Specifications

Operating Frequency, maximum
250 MHz

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

<table>
<thead>
<tr>
<th>Material Specifications</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor Material</td>
<td>Bare copper</td>
</tr>
<tr>
<td>Insulation Material</td>
<td>Polyolefin</td>
</tr>
<tr>
<td>Jacket Material</td>
<td>PVC</td>
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</tbody>
</table>

### Mechanical Specifications

**Minimum Bend Radius Note**: 4 times the outer cable diameter

### Environmental Specifications

**Operating Temperature**: -20 °C to +60 °C (-4 °F to +140 °F)

### Packaging and Weights

**Packaging Type**: Reel in box