CS44Z1 Cable, category 6A, 4 pair, F/UTP, LSZH, 23 AWG, 305 m reel, violet

Product Classification

Regional Availability
Asia | Australia/New Zealand | Latin America

Portfolio
NETCONNECT®

Product Type
Twisted pair cable

Product Series
640 Series

General Specifications

ANSI/TIA Category
6A

Cable Component Type
Horizontal

Cable Type
F/UTP (shielded)

Conductor Type, singles
Solid

Jacket Color
Violet

Pairs, quantity
4

Transmission Standards
ANSI/TIA-568.2-D | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class EA

Dimensions

Cable Length
304.8 m | 1000 ft

Diameter Over Conductor
1.14 mm | 0.045 in

Conductor Gauge, singles
23 AWG

Cross Section Drawing
Electrical Specifications

- Characteristic Impedance: 100 ohm
- Characteristic Impedance Tolerance: ±15 ohm
- dc Resistance, maximum: 6.66 ohms/100 m | 2.03 ohms/100 ft
- Delay Skew, maximum: 45 ns
- Mutual Capacitance at Frequency: 5.6 nF/100 m @ 500 MHz
- Nominal Velocity of Propagation (NVP): 64%
- 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

Segregation Class

c

Material Specifications

- Conductor Material: Bare copper
- Jacket Material: Low Smoke Zero Halogen (LSZH)

Environmental Specifications

- Acid Gas Test Method: IEC 60754-2
- Flame Test Method: IEC 60332-1
- Smoke Test Method: IEC 61034-2
## Packaging and Weights

<table>
<thead>
<tr>
<th>Package Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable weight</td>
<td>60.107 kg/km</td>
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<tr>
<td>Packaging Type</td>
<td>Reel</td>
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</tbody>
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## Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
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<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</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>
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<tr>
<td>ROHS</td>
<td>Compliant</td>
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