Copper Cable, category 7, S/FTP, 4-pair, 23 AWG, black

Product Classification

Regional Availability: EMEA
Portfolio: NETCONNECT®
Product Type: Twisted pair cable

General Specifications

ANSI/TIA Category: 7
Cable Component Type: Horizontal
Cable Type: S/FTP (shielded)
Conductor Type, singles: Solid
Conductors, quantity: 8
Jacket Color: Black
Pairs, quantity: 4
Transmission Standards: CENELEC EN 50288-4-1 | IEC 61156-5 Cat 7 | ISO/IEC 11801 Class F

Dimensions

Cable Length: 500 m | 1,640.42 ft
Diameter Over Jacket, nominal: 9.652 mm | 0.38 in
Conductor Gauge, singles: 23 AWG

Electrical Specifications

Characteristic Impedance: 100 ohm
Characteristic Impedance Tolerance: ±15 ohm
Mutual Capacitance at Frequency: 4.1 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP): 82 %
Operating Frequency, maximum: 600 MHz
Operating Voltage, maximum: 80 V
Safety Voltage Rating: 240 V

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

Environmental Specifications

**Installation temperature** | 0 °C to +50 °C (+32 °F to +122 °F)
**Operating Temperature** | -20 °C to +60 °C (-4 °F to +140 °F)
**EN50575 CPR Cable EuroClass Fire Performance** | Fca
**Environmental Space** | UV resistant for outdoor and Low Smoke Zero Halogen

Packaging and Weights

**Cable weight** | 0.089 kg/km | 0.06 lb/kft
**Packaging Type** | Reel

Regulatory Compliance/Certifications

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<th>Agency</th>
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<tr>
<td>CENELEC</td>
<td>EN 50575 compliant, Declaration of Performance (DoP) available</td>
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<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
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<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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