

4-2153161-1 | C7 OUT PR4 S/FTP PE/LSZH BLK 23 SOL 500



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

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|--------------------------------------|---------------------|
| 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

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

Environmental Specifications

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|---|---|
| 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

| Agency | Classification |
|---------------|--|
| CENELEC | EN 50575 compliant, Declaration of Performance (DoP) available |
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

