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
ANSI/TIA-568.2-D  |  CENELEC EN 50288-4-1  |  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 Voltage, maximum
80 V
Safety Voltage Rating

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

Packaging and Weights

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

Regulatory Compliance/Certifications

Agency | Classification
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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

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