

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



Product Classification

Portfolio	NETCONNECT®
Product Type	Twisted pair cable
Regional Availability	EMEA

Standards And Qualifications

EN50575 CPR Cable EuroClass	Fca
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Construction Materials

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

Dimensions

Cable Length	500 m 1640 ft
Cable Weight	0.09 kg/m
Diameter Over Jacket, nominal	9.652 mm 0.380 in

Electrical Specifications

ANSI/TIA Category	7
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
Transmission Standards	CENELEC EN 50288-4-1 ISO/IEC 11801 Class F
Safety Voltage Rating	240 V

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)

General Specifications

Cable Type	S/FTP (shielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	Black
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available

