



Copper Cable, category 7, 4 pair simplex, F/FTP, LSZH, PiMF600, 23 AWG, 500 m, orange

Product Classification

Portfolio	NETCONNECT®
Product Type	Twisted pair cable
Regional Availability	Australia/New Zealand EMEA

Standards And Qualifications

EN50575 CPR Cable EuroClass	Dca s2 d1 a1
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Construction Materials

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

Dimensions

Cable Length	500 m 1640 ft
Cable Weight	52.00 kg/km
Diameter Over Jacket, nominal	7.400 mm 0.291 in

Electrical Specifications

ANSI/TIA Category	7
Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
Nominal Velocity of Propagation (NVP)	78 %
Operating Voltage, maximum	80 V
Transmission Standards	CENELEC EN 50288-4-1 ISO/IEC 11801 Class F

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

Mechanical Specifications

Minimum Bend Radius, multiple bends 29.60 mm | 1.17 in

Regulatory Compliance/Certifications

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

