



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

Product Classification

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

General Specifications

ANSI/TIA Category	7
Cable Component Type	Horizontal
Cable Type	F/FTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	White
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-4-1 ISO/IEC 11801 Class F

Dimensions

Cable Length	1,640.42 ft 500 m
Diameter Over Conductor	0.059 in 1.501 mm
Diameter Over Jacket, nominal	0.268 in 6.807 mm
Conductor Gauge, singles	23 AWG

Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
Nominal Velocity of Propagation (NVP)	78 %
Operating Voltage, maximum	80 V

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Segregation Class d

Material Specifications

Conductor Material Bare copper

Insulation Material Polyolefin

Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, multiple Bends 29.6 mm | 1.165 in

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 Dca

EN50575 CPR Cable EuroClass Smoke Rating s2

EN50575 CPR Cable EuroClass Droplets Rating d1

EN50575 CPR Cable EuroClass Acidity Rating a1

Packaging and Weights

Cable weight 34.94 lb/kft | 51.996 kg/km

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

