Copper Cable, category 7A, 4 pair simplex, S/FTP, LSFRZH, 23 AWG solid, 1000 m, white

Product Classification

Regional Availability
Australia/New Zealand | EMEA

Portfolio
NETCONNECT®

Product Type
Twisted pair cable

General Specifications

ANSI/TIA Category
7A

Cable Component Type
Horizontal

Cable Type
S/FTP (shielded)

Conductor Type, singles
Solid

Conductors, quantity
8

Jacket Color
White

Pairs, quantity
4

Transmission Standards
ANSI/TIA-568.2-D | CENELEC EN 50288-9-1 | EN 50173-1 | ISO/IEC 11801 Class E

Dimensions

Cable Length
1,000 m | 3,280.84 ft

Diameter Over Conductor
1.45 mm | 0.057 in

Diameter Over Jacket, nominal
7.493 mm | 0.295 in

Conductor Gauge, singles
23 AWG

Electrical Specifications

Coupling Attenuation
Type I

Operating Frequency, maximum
1000 MHz

Operating Voltage, maximum
80 V

Remote Powering
Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A
Segregation Class  
d

Material Specifications

Conductor Material  
Bare copper

Insulation Material  
Polyolefin

Jacket Material  
Low Smoke Fire Retardant Zero Halogen (LSFRZH)

Shield (Tape) Material  
Aluminum/Polyester

Environmental Specifications

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

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