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  
CENELEC EN 50288-9-1 | EN 50173-1 | IEC 61156-5 Cat 7 | ISO/IEC 11801 Class FA

Dimensions

Cable Length  
1,000 m | 3,280.84 ft

Diameter Over Insulated 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
Segregation Class  

Electrical Cable Performance

| **Segregation Class** | d |

CommScope

**Electrical Cable Performance**

**CS**
CommScope

**STD**
Refers to the standard value listed under Transmission Standards in the Electrical Specifications above

**TYP**
Typical Electrical Performance

**IL**
Insertion Loss (dB/100m)

**ACR**
Attenuation to Crosstalk Ratio (dB/100m)

**PSACR**
Power Sum Attenuation to Crosstalk Ratio (dB/100m)

**PSACRF**
Power Sum Attenuation to Crosstalk Ratio - Far End (dB/100m)

**TCL**
Transverse Conversion Loss (dB/100m)

**NEXT**
Near End Crosstalk (dB/100m)

**PSNEXT**
Power Sum Near End Crosstalk (dB/100m)

**ACRF**
Attenuation to Crosstalk Ratio - Far End (dB/100m)

**RL**
Return Loss (dB)

**ELTCTL**
Equal Level Transverse Conversion Transfer Loss (dB/100m)

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**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

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