



Copper Cable, category 7, 4 pair simplex, F/FTP, LSZH, PiMF600, 23 AWG, 1000 m, white

## Product Classification

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

## Standards And Qualifications

<b>EN50575 CPR Cable EuroClass</b>	Dca   s2   d1   a1
------------------------------------	--------------------

## Construction Materials

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin

## Dimensions

<b>Cable Length</b>	1000 m   3281 ft
<b>Cable Weight</b>	52.00 kg/km
<b>Diameter Over Jacket, nominal</b>	7.400 mm   0.291 in

## Electrical Specifications

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

## Environmental Specifications

<b>Installation Temperature</b>	0 °C to +50 °C (+32 °F to +122 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)

## General Specifications

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

## Mechanical Specifications

**Minimum Bend Radius, multiple bends** 29.60 mm | 1.17 in

## Regulatory Compliance/Certifications

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

