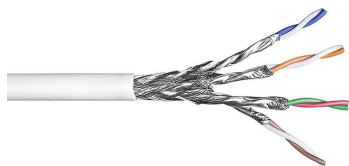


# 1711910-1

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

## Product Classification

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

## General Specifications

<b>ANSI/TIA Category</b>	7A
<b>Cable Component Type</b>	Horizontal
<b>Cable Type</b>	S/FTP (shielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Jacket Color</b>	White
<b>Pairs, quantity</b>	4
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   CENELEC EN 50288-9-1   EN 50173-1   ISO/IEC 11801 Class FA

## Dimensions

<b>Cable Length</b>	1,000 m   3,280.84 ft
<b>Diameter Over Insulated Conductor</b>	1.45 mm   0.057 in
<b>Diameter Over Jacket, nominal</b>	7.493 mm   0.295 in
<b>Conductor Gauge, singles</b>	23 AWG

## Electrical Specifications

<b>Coupling Attenuation</b>	Type I
<b>Operating Frequency, maximum</b>	1000 MHz
<b>Operating Voltage, maximum</b>	80 V
<b>Remote Powering</b>	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**

d

## Electrical Cable Performance

<b>CS</b>	CommScope	<b>NEXT</b>	Near End Crosstalk (dB/100m)
<b>STD</b>	Refers to the standard value listed under Transmission Standards in the Electrical Specifications above	<b>PSNEXT</b>	Power Sum Near End Crosstalk (db/100m)
<b>TYP</b>	Typical Electrical Performance	<b>ACRF</b>	Attenuation to Crosstalk Ratio - Far End (dB/100m)
<b>IL</b>	Insertion Loss (dB/100m)	<b>RL</b>	Return Loss (dB)
<b>ACR</b>	Attenuation to Crosstalk Ratio (dB/100m)	<b>ELTCTL</b>	Equal Level Transverse Conversion Transfer Loss (dB/100m)
<b>PSACR</b>	Power Sum Attenuation to Crosstalk Ratio (dB/100m)		
<b>PSACRF</b>	Power Sum Attenuation to Crosstalk Ratio - Far End (dB/100m)		
<b>TCL</b>	Transverse Conversion Loss (dB/100m)		

Freq. MHz	IL		NEXT		PSNEXT		PSACRF		RL	
	TYP	STD	TYP	STD	TYP	STD	TYP	STD	TYP	
1	2	78	97	75	92	75	90	20	26	
10	5	78	97	75	92	72.3	90	25	35	
100	17	75	97	73	92	52.3	86	20	40	
200	24	71	97	68	91	46.3	79	18	36	
250	27	69	97	66	91	44.3	76	17.3	34	
500	38	65	97	62	91	38.3	64	17.3	29	
600	42	64	95	61	90	36.7	57	17.3	25	
700	47	63	93	60	88	35.4	54	16.6	25	
800	51	62	91	59	86	34.2	50	16.1	24	
900	55	61	90	58	85	33.2	46	15.5	23	
1,000	58	60	88	57	83	32.3	41	15.1	21	
1,100	59		87		82		32		21	
1,200	62		86		81		28		20	
1,300	65		86		81		25		20	

## Material Specifications

<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin
<b>Jacket Material</b>	Low Smoke Fire Retardant Zero Halogen (LSFRZH)
<b>Shield (Tape) Material</b>	Aluminum/Polyester

## Environmental Specifications

<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>EN50575 CPR Cable EuroClass Fire Performance</b>	Dca
<b>EN50575 CPR Cable EuroClass Smoke Rating</b>	s2
<b>EN50575 CPR Cable EuroClass Droplets Rating</b>	d1

**EN50575 CPR Cable EuroClass Acidity Rating** a1

## Packaging and Weights

**Packaging Type** Reel

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

