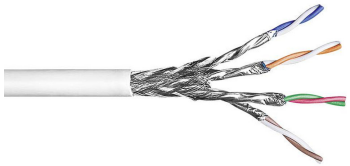
1711910-1



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

OBSOLETE

Replaced By:

1499101-1 CS67Z3 WHT C7A 4/22 S/FTP RL 1KM	CS67Z3 Category 7A S/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 3280 ft (1000 m) length, reel

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

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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

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)

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

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

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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
UK-ROHS	Compliant

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