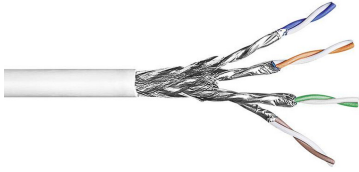# 884015038/32 | CS67ZC WHT C7A 4/22 S/FTP RL 1 KM

CS67ZC Category 7A S/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 3280 ft (1 km) length, reel

OBSOLETE

This product was discontinued on: October 1, 2024

Replaced By:

884049438/32 CS67ZB WHT C7A 4/22 S/FTP RL 1KM	CS67ZB Category 7A S/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 3280 ft (1000 m) length, reel

Product Classification

Regional Availability	EMEA
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

General Specifications

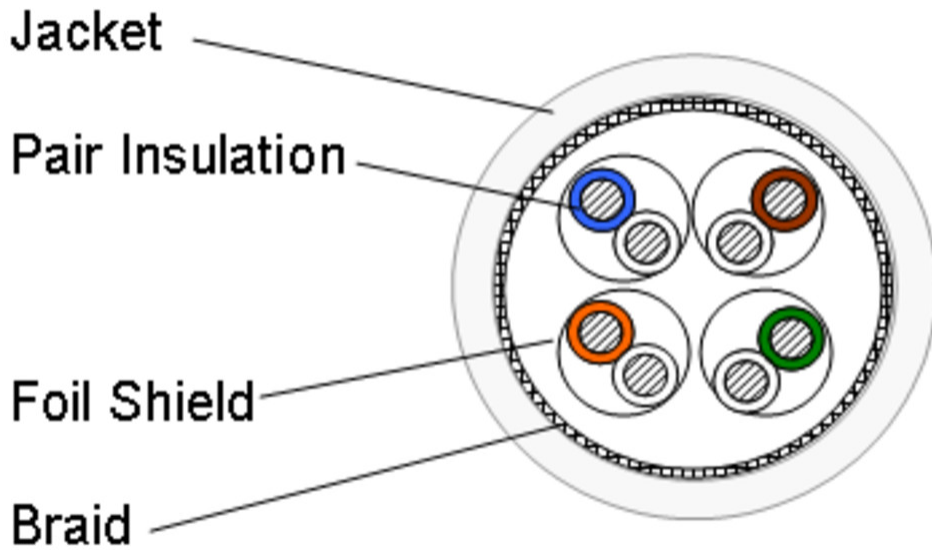|	
Product Number	CS67ZC
ANSI/TIA Category	7A
Cable Component Type	Horizontal
Cable Type	S/FTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	White
Pairs, quantity	4
Transmission Standards	CENELEC EN 50288-9-1	IEC 61156-7

Dimensions

Cable Length	1,000 m	3,280.84 ft
Cable Length Tolerance	±5%
Diameter Over Jacket, nominal	7.595 mm	0.299 in
Jacket Thickness	0.635 mm	0.025 in

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Conductor Gauge, singles	22 AWG

Cross Section Drawing

Electrical Specifications

Characteristic Impedance	100 ohm
Coupling Attenuation	Type I
dc Resistance Unbalance, maximum	2 %
dc Resistance, maximum	6.51 ohms/100 m	1.984 ohms/100 ft
Mutual Capacitance at Frequency	4.1 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	80 %
Operating Frequency, maximum	1200 MHz
Operating Voltage, maximum	80 V
Safety Voltage Rating	240 V

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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)	**NEXT** Near End Crosstalk (dB/100m)
ACR	Attenuation to Crosstalk Ratio (dB/100m)	**PSNEXT** Power Sum Near End Crosstalk (db/100m)
PSACR	Power Sum Attenuation to Crosstalk Ratio (dB/100m)	**ACRF** Attenuation to Crosstalk Ratio - Far End (dB/100m)
PSACRF	Power Sum Attenuation to Crosstalk Ratio - Far End (dB/100m)	**RL** Return Loss (dB)
TCL	Transverse Conversion Loss (dB/100m)	**ELTCTL** Equal Level Transverse Conversion Transfer Loss (dB/100m)

Freq. MHz	IL	ACR	PSNEXT		PSACRF	RL	
	TYP	TYP	STD	TYP	STD	STD	TYP
4	3.5	90	82	90	79	23	35
10	5.4	88	82	90	71	25	40
16	6.8	86	82	90	67	25	40
20	7.6	85	82	90	65	25	40
31.25	9.6	83	82	90	61	25	40
62.5	14	79	82	90	55	25	40
100	18	76	82	90	51	23	40
125	20	73	82	90	49	22	38
200	25	68	82	90	45	21	35
250	27	66	82	90	43	20	35
300	30	63	82	90	41	20	30
600	43	45	75	85	35	20	27
800	49	37	75	83	32	19	25
1,000	57	29	75	83	31	18	25
1,200	63	22	75	82	29	17	22

Material Specifications

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Shield (Braid) Material	Tinned copper
Shield (Tape) Material	Polyester/Aluminum shield

Mechanical Specifications

Pulling Tension, maximum	11.34 kg	25 lb

Environmental Specifications

Installation temperature	0 °C to +50 °C (+32 °F to +122 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

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Acid Gas Test Method	IEC 60754-2
EN50575 CPR Cable EuroClass Fire Performance	Cca
EN50575 CPR Cable EuroClass Smoke Rating	s1
EN50575 CPR Cable EuroClass Droplets Rating	d1
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	EN 50399
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	65.301 kg/km | 43.88 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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