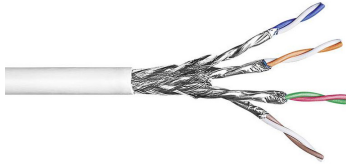


884014858/16 | CS67ZB WHT C7A 8/22 S/FTP RL 500M



CS67ZB Category 7A S/FTP Cable, low smoke zero halogen, white jacket, 8 pair count, 500 m (1640 ft) length, reel

Product Classification

Regional Availability	EMEA
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

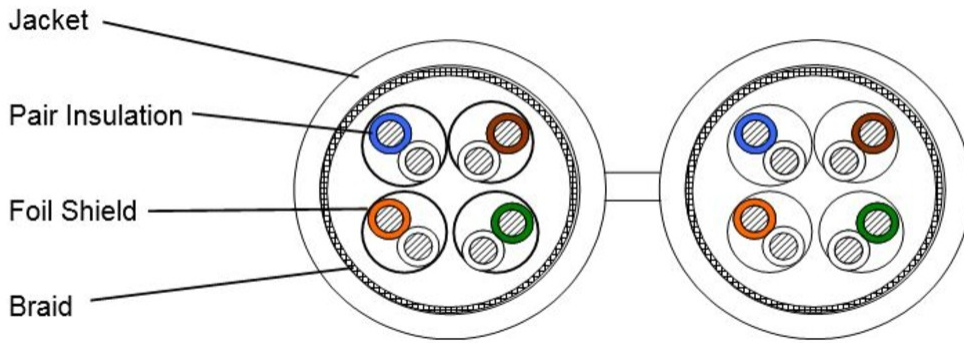
General Specifications

Product Number	CS67ZB
ANSI/TIA Category	7A
Cable Component Type	Horizontal
Cable Type	S/FTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	16
Jacket Color	White
Pairs, quantity	8
Transmission Standards	ANSI/TIA-568.2-D ISO/IEC 11801 Class FA

Dimensions

Cable Length	500 m 1,640.42 ft
Cable Length Tolerance	±5%
Diameter Over Jacket, nominal	7.595 mm 0.299 in
Jacket Thickness	0.635 mm 0.025 in
Conductor Gauge, singles	22 AWG

Cross Section Drawing



Electrical Specifications

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	1000 MHz
Operating Voltage, maximum	80 V

Electrical Performance

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IL Insertion Loss (dB/100m)
 NEXT Near End Crosstalk (dB/100m)
 PSNEXT Power Sum Near End Crosstalk (dB/100m)
 ELFEXT Equal-Level Far End Crosstalk (dB/100m)
 PSELFEXT Power Sum Equal-Level Far End Crosstalk (dB/100m)
 RL Return Loss (dB)

Freq (MHz)	IL	NEXT	PSNEXT	ELFEXT	PSELFEXT	RL
1	2.1	78.0	75.0	78.0	75.0	20.0
4	3.7	78.0	75.0	78.0	75.0	23.0
8	5.2	78.0	75.0	77.2	74.2	24.5
10	5.8	78.0	75.0	75.3	72.3	25.0
16	7.3	78.0	75.0	71.2	68.2	25.0
20	8.2	78.0	75.0	69.3	66.3	25.0
25	9.2	78.0	75.0	67.3	64.3	24.3
31.25	10.3	78.0	75.0	65.4	62.4	23.6
62.5	14.6	78.0	75.0	59.4	56.4	21.5
100	18.5	75.4	72.4	55.3	52.3	20.1
155	23.2	72.5	69.5	51.5	48.5	18.8
200	26.5	70.9	67.9	49.3	46.3	18.0
250	29.7	69.4	66.4	47.3	44.3	17.3
300	32.7	68.2	65.2	45.8	42.8	17.3
350	35.4	67.2	64.2	44.4	41.4	17.3
400	38.0	66.4	63.4	43.3	40.3	17.3
500	42.8	64.9	61.9	41.3	38.3	17.3
550	45.0	64.3	61.3	40.5	37.5	17.3
600	47.1	63.7	60.7	39.7	36.7	17.3
650	49.2	63.2	60.2	39.0	36.0	17.0
700	51.1	62.7	59.7	38.4	35.4	16.6
750	53.1	62.3	59.3	37.8	34.8	16.3
800	54.9	61.9	58.9	37.2	34.2	16.1
850	56.7	61.5	58.5	36.7	33.7	15.8
900	58.5	61.1	58.1	36.2	33.2	15.5
950	60.2	60.7	57.7	35.7	32.7	15.3
1000	61.9	60.4	57.4	35.3	32.3	15.1
1100	65.2	59.8	56.8	34.5	31.5	14.7
1200	68.4	59.2	56.2	33.7	30.7	14.3

*Values above 1000 MHz are for engineering purposes only.

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)

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Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Acid Gas Test Method	EN 50267-2-3
EN50575 CPR Cable EuroClass Fire Performance	B2ca
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)
Smoke Test Method	IEC 61034-2

Packaging and Weights

Cable weight	1,353.039 kg/km 909.2 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

