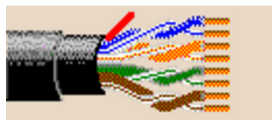


Product: [1318SB](#) 



Upjacketed Category 5e, #24-4pr, LSZH Jacket, CMG-LS, Shipboard ABS Type Approved

Product Description

24 AWG solid bare copper conductors, polyolefin insulation, rip cord, see color code chart (below), LSZH jacket. Descending footage marked every two feet.

Technical Drawing



Technical Specifications

Product Overview

Suitable Applications:	Premise Horizontal Cable, Gigabit Ethernet, 100BaseTX, 100BaseVG ANYLAN, 155ATM, 622ATM, NTSC/PAL Component or Composite Video, AES/EBU, Digital Video, RS-422
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Construction Details

Conductor

Size	Stranding	Material	No. of Pairs
24	Solid	BC - Bare Copper	4

Insulation

Material	Color Code
PO - Polyolefin	White/Blue Stripe & Blue, White/Orange Stripe & Orange, White/Green Stripe & Green, White/Brown Stripe & Brown

Inner Jacket

Material	Nom. Diameter	Ripcord
PE - Polyethylene	0.255 in (6.48 mm)	Yes

Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.308 in	No

Electrical Characteristics

Electricals

Max. Conductor DCR	Max. Capacitance Unbalance
93.8 Ohm/km (28.6 Ohm/1000ft)	330

Delay

Frequency	Max. Delay	Max. Delay Skew	Nom. Velocity of Prop.
100 MHz	538 ns/100m	45 ns/100m	70%

High Frequency

Frequency [MHz]	Max. Insertion Loss (Attenuation) [dB/100m]	Min. NEXT [dB]	Min. PSNEXT [dB]	Min. ACR [dB]	Min. PSACR [dB]	Min. ACRF (ELFEXT) [dB]	Min. PSACRF (PSELFEXT) [dB]	Min. RL (Return Loss) [dB]	Min. SRL (Structural Return Loss) [dB]	Max./Min. Input Impedance (unFitted)	Max./Min. Fitted Impedance
1	2	65.3	62.3	63	60.3	63.8	60.8	20	23	100 ± 15	100 ± 15
4	4.1	56.3	53.3	51	49.2	51.7	48.7	23	23	100 ± 15	100 ± 15
8	5.8	51.8	48.8	46	43	45.7	42.7	24.5	24.5	100 ± 15	100 ± 15
10	6.5	50.3	47.3	43	40.8	43.8	40.8	25	25	100 ± 15	100 ± 15
16	8.2	47.3	44.3	39	36	39.7	36.7	25	25	100 ± 15	100 ± 15
20	9.3	45.8	42.8	36.5	33.5	37.7	34.7	25	25	100 ± 15	100 ± 15
25	10.4	44.3	41.3	33.9	30.9	35.8	32.8	24.3	24.3	100 ± 15	100 ± 15
31.25	11.7	42.9	39.9	31	28.2	33.9	30.9	23.6	23.6	100 ± 15	100 ± 15
62.5	17	38.4	35.4	22	19	27.8	24.9	21.5	21.5	100 ± 15	100 ± 15
100	22	35.3	32.3	14	10.3	23.8	20.8	20.1	20.1	100 ± 15	100 ± 15
155	28.1	32.5	29.5	4.4	1.4	19.9	16.9	15.8		100 ± 25	100 ± 15
200	32	30.8	27.8	4	1	17.7	14.7	15		100 ± 25	100 ± 15

Voltage

UL Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating	Storage
60°C	-30°C To +60°C	-30°C To +60°C

Bend Radius

Stationary Min.
3 in (76 mm)

Max. Pull Tension:	35 lbs (16 kg)
Bulk Cable Weight:	44 lbs/1000ft (65 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor - Euroclass Eca, Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL1685 FT4 Loading, Limited Smoke, 1202, IEC 60332-1-2, IEC 60332-3-22
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	CMG-LS
CEC / C(UL) Compliance:	CMG-ST1
IEEE Compliance:	Std. 45 clause 23
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Electrical values are expected performance based on cable testing and representative performance within a typical Belden system. RJ-45 Compatible. Jacket marked with descending footage at 2 ft. intervals.
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History

Update and Revision:	Revision Number: 0.501 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1318SB 0101000	Black	Reel	1,000 ft	612825111818	C

Footnote:	C - CRATE REEL PUT-UP.
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