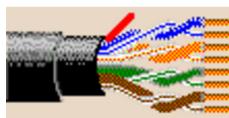


**Product: [1318SB](#)**

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.

## History

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

## 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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