



**Product:** [1502SB](#)

Media Control, 1 Pair 22 AWG TC, 2 Cond. 18 AWG, LSZH Jacket, CMG-LS

### Product Description

Multimedia Control Cable, 1 Pair 22 AWG stranded (7x30) tinned copper (data) with FEP insulation, Beldfoil® shield w/ drain, 2 Conductor 18 AWG stranded (16x30) tinned copper conductor (power) with Flamarrest® insulation, CMG-LS, LSZH jacket

### Technical Specifications

#### Product Overview

Suitable Applications:	Multi-Media & Lighting AutoMultimedia Control Cable, Rated-CMG-LS, 2-22 AWG stranded tinned copper pairs (data) with Datalene® insulation, Beldfoil® shield, drain, 1-18 AWG stranded tinned copper pair with polypropylene insulation, unshielded, LSZH jacketmation / Control, ABS Type Approved
------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### Construction Details

##### Conductor

Element	Size	Stranding	Material
22 AWG	22	7x30	TC - Tinned Copper
18 AWG	18	16x30	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
18 AWG	PE - Polyethylene (Foam)	0.007 in (0.18 mm)	0.061 in (1.5 mm)	Blue & White, Red & Black	HDPE
22 AWG	PP - Polypropylene	0.020 in (0.51 mm)	0.0685 in (1.74 mm)		

##### Inner Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

##### Outer Shield

Material
No Shield

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.045 in (1.1 mm)	0.255 in (6.48 mm)	Yes

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
16.3 Ohm/1000ft	14 pF/ft (46 pF/m)	38 pF/ft (120 pF/m)	100 Ohm	3.8 Amps per Conductor at 25°C
6.9 Ohm/1000ft (23 Ohm/km)				

##### Voltage

UL Voltage Rating
300 V

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
75°C	-30°C To +75°C

Max. Pull Tension:	59.8 lbs (27.1 kg)
Bulk Cable Weight:	39 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Non-Halogenated, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, Limited Smoke, IEC 60332-1-2, IEC 60332-3-22
CPR Compliance:	CPR Euroclass: Dca-s1,d1,a1
NEC / UL Compliance:	Article 800, 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)

## History

Update and Revision:	Revision Number: 0.485 Revision Date: 12-22-2023
----------------------	--------------------------------------------------

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1502SB 0101000	Black	Reel	1,000 ft	612825116028	C

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.