



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
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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
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Part Numbers

Variants

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

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