



Product: [8790](#)

Line Level Audio Cable, 1 Pr #18 Str TC, 85% TC Spiral Serve, PVC Jkt, CMG

Product Description

Line Level Audio Cable, 1 Pair 18 AWG (7 x 26) Tinned Copper PVC insulation, 85% Tinned Copper Spiral Serve/Screen, PVC Jacket, CMG

Technical Specifications

Product Overview

Suitable Applications:	Line level audio; Low voltage analog signals and control
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	18 AWG	7x26	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.090 in (2.3 mm)	Red & White

Outer Shield

Shield Type	Material	Coverage
Spiral Serve / Screen	Tinned Copper (TC)	85%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in (0.71 mm)	0.241 in (6.12 mm)

Overall Cable Diameter (Nominal):	0.241 in (6.12 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	7.2 Ohm/1000ft	53 pF/ft (170 pF/m)	92 pF/ft (300 pF/m)	41 Ohm	65%	8 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMG)

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
2.4 in (61 mm)	2.4 in (61 mm)

Max. Pull Tension:	45 lbs (20 kg)
Bulk Cable Weight:	31 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, IEEE 1202, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
CEC / C(UL) Compliance:	CMG
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: 0.459 Revision Date: 02-15-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8790 060500	Chrome	Reel	500 ft	612825216469	C
8790 060U500	Chrome	UnReel	500 ft	612825216568	
8790 0601000	Chrome	Reel	1,000 ft	612825216452	C
8790 060U1000	Chrome	UnReel	1,000 ft	612825216438	
8790 0605000	Chrome	Reel	5,000 ft	612825216421	C

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