



REPRESENTATIVE IMAGE

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	Number of Element	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)

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)	6.3 Ohm/1000ft (21 Ohm/km)	53 pF/ft (170 pF/m)	92 pF/ft (300 pF/m)	41 Ohm	65%	5.2 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
Bulk Cable Weight:	31 lbs/1000ft (46 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 (FT4 Loading), FT4, 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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.303 Revision Date: 10-27-2021
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Variants

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

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