



Product: [M14328](#) 

AUDIO, 2C #24, Str, Polypropylene(PP), 300 V, CM 75C, CSA C(UL) TYPE CM

Product Description

AUDIO, 2 Conductor 24 AWG (7/32) TC - Tinned Copper, Polypropylene(PP) Insulation, Overall Aluminum/Polyester Shield, Black PVC Outer Jacket, CM 75C, CSA C(UL) TYPE CM C(UL) TYPE CM

Technical Specifications

Product Overview

Suitable Applications:	Data, communication, audio, and low-level signal transmission; industrial networking, serial communication, control panels, automation equipment, and instrumentation systems.
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	24 AWG	7x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP - Polypropylene	0.008 in (0.20 mm)	0.040 in (1.0 mm)	Black, Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.020 in (0.51 mm)	0.124 in (3.15 mm)

Overall Cable Diameter (Nominal):	0.124 in (3.15 mm)
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Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Inductance
Conductor(s)	25 pF/ft (82 pF/m)	45 pF/ft (150 pF/m)	60 Ohm	0.18 µH/ft (0.59 µH/m)

Nom Outer Shield DCR:	208 Ohm/1000ft (682 Ohm/km)
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Voltage

UL Voltage Rating
300 V (CM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	-20°C To +75°C

Bend Radius

Stationary Min.
1.2 in (30 mm)

Max. Pull Tension:	41 lbs (19 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	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:	Alpha Wire -* P/N M14328 2C 24 AWG EXXXXXX 75C SHIELDED CM (UL) C(UL) CE ROHS
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History

Update and Revision:	Revision Number: 0.120 Revision Date: 08-29-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
M14328 BK005	Black	Reel	100 ft
M14328 BK002	Black	Reel	500 ft
M14328 BK001	Black	Reel	1,000 ft

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