



Product: [M13222](#) 

AUDIO, 2C #24, Str, Polyethylene(PE), 300 V, AWM/STYLE 2092 60C, CM 75C, CSA C(UL) TYPE CM

Product Description

AUDIO, 2 Conductor 24 AWG (7/32) TC - Tinned Copper, Polyethylene(PE) Insulation, Overall Aluminum/Polyester Shield, Slate PVC Outer Jacket, AWM/STYLE 2092 60C, 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)	PE - Polyethylene	0.016 in (0.41 mm)	0.056 in (1.4 mm)	Black, Clear

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	0.025 in (0.64 mm)	0.166 in (4.22 mm)

Overall Cable Diameter (Nominal):	0.166 in (4.22 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)	17.8 pF/ft (58.4 pF/m)	32 pF/ft (100 pF/m)	87 Ohm	0.22 µH/ft (0.72 µH/m)

Nom Outer Shield DCR:	196 Ohm/1000ft (643 Ohm/km)
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Voltage

UL Voltage Rating
300 V (CM, AWM 2092)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.3 in (33 mm)	1.3 in (33 mm)

Max. Pull Tension:	63 lbs (29 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2092
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 M13222 2C 24 AWG EXXXXX SHIELDED CM (UL) C(UL) 75C OR AWM 2092 CE ROHS
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History

Update and Revision:	Revision Number: 0.117 Revision Date: 06-30-2026
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