



Product: [M38940](#) 

AUDIO, 40C #24, Str, PVC, Semi Rigid, 300 V, AWM/STYLE 2464 80C, CMG 75C, CSA C(UL) TYPE CMG, CSA FT4

Product Description

AUDIO, 40 Conductor 24 AWG (7/32) TC - Tinned Copper, PVC, Semi Rigid Insulation, Slate PVC Outer Jacket, AWM/STYLE 2464 80C, CMG 75C, CSA C(UL) TYPE CMG, CSA FT4 C(UL) TYPE CMG, FT4 UL FT4; CSA FT4

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)	40	24 AWG	7x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.010 in (0.25 mm)	0.044 in (1.1 mm)	Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Slate, White, White/Black, White/Brown, White/Red, White/Orange, White/Yellow, White/Green, White/Blue, White/Violet, White/Slate, White/Black/Brown, White/Black/Red, White/Black/Orange, White/Black/Yellow, White/Black/Green, White/Black/Blue, White/Black/Violet, White/Black/Slate, White/Brown/Red, White/Brown/Orange, White/Brown/Yellow, White/Brown/Green, White/Brown/Blue, White/Brown/Violet, White/Brown/Slate, White/Red/Orange, White/Red/Yellow, White/Red/Green, White/Red/Blue, White/Red/Violet, White/Red/Slate

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.389 in (9.88 mm)

Overall Cable Diameter (Nominal):	0.389 in (9.88 mm)
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Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Inductance
Conductor(s)	21.2 pF/ft (69.6 pF/m)	0.19 µH/ft (0.62 µH/m)

Voltage

UL Voltage Rating
300 V (CMG, AWM 2464)

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

Bend Radius

Stationary Min.
3.9 in (99 mm)

Max. Pull Tension:	101 lbs (45.8 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, 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 M38940 40C 24 AWG EXXXXXXX 75C CMG(UL) C(UL) OR AWM STYLE 2464 CE ROHS
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History

Update and Revision:	Revision Number: 0.26 Revision Date: 08-29-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
M38940 SL005	Slate	Reel	100 ft
M38940 SL002	Slate	Reel	500 ft

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