



Product: [M13412](#) 

AUDIO, 12C #20, Str, PVC, 300 V, CM 75C, AWM/STYLE 2464 80C, CSA C(UL) TYPE CM

Product Description

AUDIO, 12 Conductor 20 AWG (7/28) TC - Tinned Copper, PVC Insulation, Slate PVC Outer Jacket, CM 75C, AWM/STYLE 2464 80C, CSA 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)	12	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.013 in (0.33 mm)	0.064 in (1.6 mm)	Black, White, Red, Green, Brown, Blue, Orange, Yellow, Violet, Slate, Pink, Tan

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.336 in (8.53 mm)

Overall Cable Diameter (Nominal):	0.336 in (8.53 mm)
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Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Inductance
Conductor(s)	33 pF/ft (110 pF/m)	0.18 µH/ft (0.59 µH/m)

Voltage

UL Voltage Rating
300 V (CM, AWM 2464)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.
3.4 in (86 mm)

Max. Pull Tension:	28 lbs (13 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CM
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 M13412 12C 20 AWG EXXXXXX 75C CM (UL) C(UL) OR AWM STYLE 2464 CE ROHS
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History

Update and Revision:	Revision Number: 0.48 Revision Date: 08-29-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
M13412 SL005	Slate	Reel	100 ft
M13412 SL001	Slate	Reel	1,000 ft

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