

**Product:** [M13142](#) 

AUDIO, 2PR #20, Str, PVC, Semi Rigid, 300 V, CMG 75C, AWM/STYLE 2464 80C, CSA C(UL) TYPE CMG

Product Description

AUDIO, 2 Pair 20 AWG (7/28) TC - Tinned Copper, PVC, Semi Rigid Insulation, Slate PVC Outer Jacket, CMG 75C, AWM/STYLE 2464 80C, CSA C(UL) TYPE CMG C(UL) TYPE CMG

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
Pair(s)	2	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.010 in (0.25 mm)	0.058 in (1.5 mm)	Black-Red, Green-White

Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.280 in (7.11 mm)

Overall Cable Diameter (Nominal):	0.280 in (7.11 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
Pair(s)	43 pF/ft (140 pF/m)	77 pF/ft (250 pF/m)	43 Ohm	0.17 µH/ft (0.56 µH/m)

Voltage

UL Voltage Rating
300 V (CMG, AWM 2464)

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-20°C To +75°C

Bend Radius

Stationary Min.	Installation Min.
2.2 in (56 mm)	2.2 in (56 mm)

Max. Pull Tension:	44 lbs (20 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
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 M13142 2PR 20 AWG EXXXXXXX 75C CMG(UL) C(UL) OR AWM STYLE 2464 CE ROHS
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History

Update and Revision:	Revision Number: 0.114 Revision Date: 08-29-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
M13142 SL005	Slate	Reel	100 ft
M13142 SL001	Slate	Reel	1,000 ft

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