



Product: [M13103](#) 

AUDIO, 3PR #22, Str, Polypropylene(PP), 300 V, CM 75C, AWM/STYLE 2919 80C, CSA C(UL) TYPE CM

Product Description

AUDIO, 3 Pair 22 AWG (7/30) TC - Tinned Copper, Polypropylene(PP) Insulation, Slate PVC Outer Jacket, CM 75C, AWM/STYLE 2919 80C, 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
Pair(s)	3	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.010 in (0.25 mm)	0.050 in (1.3 mm)	Black-Red, Black-White, Black-Green

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)	0.266 in (6.76 mm)

Overall Cable Diameter (Nominal):	0.266 in (6.76 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)	25 pF/ft (82 pF/m)	45 pF/ft (150 pF/m)	60 Ohm	0.18 µH/ft (0.59 µH/m)

Voltage

UL Voltage Rating
300 V (CM), 30 V (AWM 2919)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.

2.1 in (53 mm)	2.1 in (53 mm)
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Max. Pull Tension:	26 lbs (12 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2919
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 M13103 3PR 22 AWG EXXXXXX 75C SHIELDED CM (UL) C(UL) OR AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE CE ROHS
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History

Update and Revision:	Revision Number: 0.41 Revision Date: 06-30-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
M13103 SL005	Black and Red	Reel	100 ft
M13103 SL002	Black and Red	Reel	500 ft
M13103 SL001	Black and Red	Reel	1,000 ft

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