



Product: [M13182](#) 

AUDIO, 12PR #18, Str, Polypropylene(PP), 300 V, AWM/STYLE 2919 80C, CMG 75C, AWM/STYLE 10118 80C, CSA C(UL) TYPE CMG, CSA FT4

Product Description

AUDIO, 12 Pair 18 AWG (16/30) TC - Tinned Copper, Polypropylene(PP) Insulation, Slate PVC Outer Jacket, AWM/STYLE 2919 80C, CMG 75C, AWM/STYLE 10118 80C, 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
Pair(s)	12	18 AWG	16x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PP - Polypropylene	0.016 in (0.41 mm)	0.079 in (2.0 mm)	Black-Red, Black-White, Black-Green, Black-Blue, Black-Yellow, Black-Brown, Black-Orange, Red-White, Red-Green, Red-Blue, Red-Yellow, Red-Brown

Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.047 in (1.2 mm)	0.692 in (17.6 mm)

Overall Cable Diameter (Nominal): 0.692 in (17.6 mm)

Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Inductance
Pair(s)	26 pF/ft (85 pF/m)	47 pF/ft (150 pF/m)	59 Ohm	0.18 µH/ft (0.59 µH/m)

Voltage

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

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
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5.5 in (140 mm)	5.5 in (140 mm)
Max. Pull Tension:	27 lbs (12 kg)

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 2919
CEC / C(UL) Compliance:	CMG
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 M13182 12PR 18 AWG EXXXXXX 75C SHIELDED CMG (UL) C(UL) OR AWM STYLE 2919 LOW VOLTAGE COMPUTER CABLE CE ROHS
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History

Update and Revision:	Revision Number: 0.10 Revision Date: 08-29-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
M13182 SL005	Slate	Reel	100 ft

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