



Product: [M13227](#)

AUDIO, 3C #22, Str, Polyethylene(PE), 300 V, AWM/STYLE 2093 60C, CM 75C, CSA C(UL) TYPE CM

Product Description

AUDIO, 3 Conductor 22 AWG (7/30) TC - Tinned Copper, Polyethylene(PE) Insulation, Overall Aluminum/Polyester Shield, Slate PVC Outer Jacket, AWM/STYLE 2093 60C, CM 75C, 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
Conductor(s)	3	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene	0.016 in (0.41 mm)	0.062 in (1.6 mm)	Black, Red, Clear

Outer Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.204 in (5.18 mm)

Overall Cable Diameter (Nominal):	0.204 in (5.18 mm)
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Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Inductance
Conductor(s)	18.5 pF/ft (60.7 pF/m)	33 pF/ft (110 pF/m)	0.2 µH/ft (0.66 µH/m)

Nom Outer Shield DCR:	118 Ohm/1000ft (387 Ohm/km)
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Voltage

UL Voltage Rating
300 V (CM, AWM 2093)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.6 in (41 mm)	1.6 in (41 mm)

Max. Pull Tension:	88 lbs (40 kg)
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Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2093
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 M13227 3C 22 AWG EXXXXXX 75C SHIELDED CM (UL) C(UL) OR AWM STYLE 2093 CE ROHS
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History

Update and Revision:	Revision Number: 0.116 Revision Date: 08-29-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
M13227 SL005	Slate	Reel	100 ft
M13227 SL001	Slate	Reel	1,000 ft

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