



**Product:** [6352](#) 

Communication and Control, 4C #24, Str, Polyethylene, Foam, 300 V, AWM/STYLE 2919 80C, CM 75C, VW-1, CSA CMH, CSA FT1

## Product Description

Communication and Control, 4 Conductor 24 AWG (7/32) TC - Tinned Copper, Polyethylene, Foam Insulation, Overall Aluminum/Polyester Shield, Slate PVC Outer Jacket, AWM/STYLE 2919 80C, CM 75C, VW-1, CSA CMH, CSA FT1 CMH, FT1 UL FT1, VW-1; CSA FT1

## 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)	4	24 AWG	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PE - Polyethylene (Foam)	0.016 in (0.41 mm)	0.056 in (1.4 mm)	Black, White, Red, Green

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Braid	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC
Braid	Tinned Copper (TC)	65%	

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.231 in (5.87 mm)

Overall Cable Diameter (Nominal):	0.231 in (5.87 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)
Conductor(s)	12 pF/ft (39 pF/m)	220 pF/ft (720 pF/m)

#### Voltage

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

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

**Stationary Min.**

1.2 in (30 mm)

Max. Pull Tension: 23.6 lbs (10.7 kg)

**Standards and Compliance**

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT1 Loading, FT1
NEC / UL Compliance:	Article 800, CMH, CM
AWM Compliance:	AWM 2919
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 6352 4C 24 AWG SHIELDED 75C (UL) TYPE CM OR AWM 2919 LOW VOLTAGE COMPUTER CABLE --- LLXXXXXX CSA TYPE CMH FT1 CE ROHS
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**History**

Update and Revision:	Revision Number: 0.15 Revision Date: 06-30-2026
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**Part Numbers****Variants**

Item #	Color
6352 SL001	Black

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