



**Product:** [M4604](#) 

COMP, 4C #24, Str, PVC, Semi Rigid, 300 V, AWM/STYLE 2464 80C, CMG 75C, CSA FT4, CSA C(UL) TYPE CMG

## Product Description

COMP, 4 Conductor 24 AWG (7/32) TC - Tinned Copper, PVC, Semi Rigid Insulation, Overall Aluminum/Polyester Shield, Slate PVC Outer Jacket, AWM/STYLE 2464 80C, CMG 75C, CSA FT4, CSA C(UL) TYPE CMG FT4, C(UL) TYPE CMG 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
Conductor(s)	4	24 AWG	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.010 in (0.25 mm)	0.044 in (1.1 mm)	Black, Brown, Red, Orange

#### Outer Shield

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

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.178 in (4.52 mm)	Yes

Overall Cable Diameter (Nominal):	0.178 in (4.52 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)	31 pF/ft (100 pF/m)	56 pF/ft (180 pF/m)	0.19 µH/ft (0.62 µH/m)

Nom Outer Shield DCR:	196 Ohm/1000ft (643 Ohm/km)
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#### Voltage

UL Voltage Rating
300 V (CMG, AWM 2464)

### Mechanical Characteristics

#### Temperature

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

#### Bend Radius

<b>Stationary Min.</b>
1.8 in (46 mm)

## 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 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 M4604 4C 24 AWG EXXXXXX SHIELDED 75C CMG (UL) C(UL) OR AWM 2464 CE ROHS
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## History

Update and Revision:	Revision Number: 0.19 Revision Date: 06-30-2026
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length
M4604 SL005	Black	Reel	100 ft

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