



Product: [6337](#) 

Communication and Control, 37C #24, Str, PVC, Semi Rigid, 300 V, AWM/STYLE 2464 80C, CM 75C, VW-1, CSA C(UL) TYPE CMG, CSA FT4

Product Description

Communication and Control, 37 Conductor 24 AWG (7/32) TC - Tinned Copper, PVC, Semi Rigid Insulation, Overall Aluminum/Polyester Shield, Slate PVC Outer Jacket, AWM/STYLE 2464 80C, CM 75C, VW-1, CSA C(UL) TYPE CMG, CSA FT4 C(UL) TYPE CMG, FT4 UL FT4, VW-1; 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)	37	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, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Black/White, Red/White, Green/White, Blue/White, Black/Red, White/Red, Orange/Red, Blue/Red, Red/Green, Orange/Green, Black/White/Red, White/Black/Red, Red/Black/White, Green/Black/White, Orange/Black/White, Blue/Black/White, Black/Red/Green, White/Red/Green, Red/Black/Green, Green/Black/Orange, Orange/Black/Green, Blue/White/Orange, Black/White/Orange, White/Red/Orange, Orange/White/Blue, White/Red/Blue

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	0.032 in (0.81 mm)	0.398 in (10.1 mm)

Overall Cable Diameter (Nominal): 0.398 in (10.1 mm)

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: 34 Ohm/1000ft (110 Ohm/km)

Voltage

UL Voltage Rating
300 V (CMG, CM, AWM 2464)

Mechanical Characteristics

Temperature

UL Temperature	Operating

80°C -20°C To +80°C

Bend Radius

Stationary Min.

4.0 in (100 mm)

Max. Pull Tension: 300 lbs (140 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, CM
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 6337 37C 24 AWG SHIELDED 75C (UL) TYPE CM OR AWM 2464 OR C(UL) 60C TYPE CMG FT4 CE ROHS

History

Update and Revision: Revision Number: 0.23 Revision Date: 06-30-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length
6337 SL005	Black	Reel	100 ft
6337 SL001	Black	Reel	1,000 ft

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