Belden

Product: B963062

EMEA, 6PR #24, Str, PVC, Semi Rigid, 300 V, AWM/STYLE 10002 105C, AWM/STYLE 2464 80C, CM 105C, VW-1, CSA CMG, CSA FT4

Product Description

EMEA, 6 Pair 24 AWG (7/32) TC - Tinned Copper, PVC, Semi Rigid Insulation, Overall Aluminum/Polyester Shield, Grey PVC Outer Jacket, AWM/STYLE 10002 105C, AWM/STYLE 2464 80C, CM 105C, VW-1, CSA CMG, CSA FT4 CMG, FT4 UL FT4, VW-1; CSA FT4; EN 60332-1 Flame Behavior; EN 60332-2 Flame Behavior

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.

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	6	24 AWG	7x32	TC - Tinned Copper

Insulation

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

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)	0.289 in (7.34 mm)	Yes

Overall Cable Diameter (Nominal):	0.289 in (7.34 mm)

Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Inductance
Pair(s)	22.5 pF/ft (73.8 pF/m)	40 pF/ft (130 pF/m)	83 Ohm	0.19 µH/ft (0.62 µH/m)

Nom Outer Shield DCR:	159 Ohm/1000ft (522 Ohm/km)

Voltage

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

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
2.9 in (74 mm)	4.3 in (110 mm)

Max. Pull Tension:	34 lbs (15 kg)

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, IEC 60332-1-2, IEC 60332-2-2
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 B963062 6PR 24 AWG 0.23MM2 (24AWG) (UL) TYPE CM 105C OR AWM 2464 VW-1 --- LLXXXXXX CSA 105C TYPE CMG FT4 CE ROHS (SEQ METERS)

History

Update and Revision:	Revision Number: 0.11 Revision Date: 06-30-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length
B963062 GE034	White/Black	Reel	1,640 ft

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