



Product: [B965031](#) 

EMEA, 3PR #20, Str, PVC, 300 V, AWM/STYLE 2464 80C, CM 105C, VW-1, AWM/STYLE 1569 105C, CSA C(UL) TYPE CMG, CSA FT4

Product Description

EMEA, 3 Pair 20 AWG (7/28) TC - Tinned Copper, PVC Insulation, Grey PVC Outer Jacket, AWM/STYLE 2464 80C, CM 105C, VW-1, AWM/STYLE 1569 105C, CSA C(UL) TYPE CMG, CSA FT4 C(UL) TYPE 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.
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	3	20 AWG	7x28	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.070 in (1.8 mm)	Black-Red, Black-White, Black-Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.315 in (8.00 mm)	Yes

Overall Cable Diameter (Nominal):	0.315 in (8.00 mm)
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Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Characteristic Impedence	Nom. Inductance
Pair(s)	27 pF/ft (89 pF/m)	78 Ohm	0.19 μH/ft (0.62 μH/m)

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.
3.1 in (79 mm)	4.7 in (120 mm)

Max. Pull Tension:	134 lbs (60.8 kg)
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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 B965031 3PR 20 AWG 0.56MM2 (20AWG) (UL) TYPE CM 105C OR AWM 2464 VW-1 OR C(UL) 105C TYPE CMG FT4 CE ROHS (SEQ METERS)
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History

Update and Revision:	Revision Number: 0.12 Revision Date: 06-30-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
B965031 GE321	Black and Red	Reel	164 ft

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