



Product: [5364C](#) 

XTRAGUARD 1, 4C #16, Str, PVC, 300 V, AWM/STYLE 2464 80C, CM 105C, VW-1, AWM/STYLE 1569 105C, AWM/STYLE 2517 105C, SUN RES, CSA C(UL) TYPE CMG, CSA FT4

Product Description

XTRAGUARD 1, 4 Conductor 16 AWG (19x29) TC - Tinned Copper, PVC Insulation, Overall Aluminum/Polyester Shield, Slate PVC Outer Jacket, AWM/STYLE 2464 80C, CM 105C, VW-1, AWM/STYLE 1569 105C, AWM/STYLE 2517 105C, SUN RES, 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:	Industrial control systems, raceways, cable trays, and ducts; instrumentation and control circuits; analog and digital signals (4–20 mA, 0–10 V); PLC and DCS systems; sensors, encoders, solenoids, valves, actuators, and positioners.
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	16 AWG	19x29	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.016 in (0.41 mm)	0.091 in (2.3 mm)	Black, Red, White, Green

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	16 AWG (19x29) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.292 in (7.42 mm)	Yes

Overall Cable Diameter (Nominal): 0.292 in (7.42 mm)

Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Inductance
Conductor(s)	51 pF/ft (170 pF/m)	92 pF/ft (300 pF/m)	0.17 μH/ft (0.56 μH/m)

Nom Outer Shield DCR: 39 Ohm/1000ft (130 Ohm/km)

Voltage

UL Voltage Rating
300 V (CMG, CM, AWM 2464, AWM 2517)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.

2.9 in (74 mm)

Max. Pull Tension: 113 lbs (51.3 kg)

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance
Sustainability:	CA Prop 65
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 2464AWM 2517
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 5364C 4C 16 AWG XTRAGUARD(R) 1 SHIELDED (UL) TYPE CM 105C SUN RES OR AWM 2464 80C 300V OR AWM 2517 105C 300V VW-1 OR C(UL) TYPE CMG 105C FT4 CE ROHS OIL RESISTANT (SEQ FOOTAGE)
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History

Update and Revision:	Revision Number: 0.65 Revision Date: 06-30-2026
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Part Numbers**Variants**

Item #	Color	Putup Type	Length
5364C BK199	Black	Cut to Length	1 ft
5364C SL005	Black	Reel	100 ft
5364C SL002	Black	Reel	500 ft
5364C SL001	Black	Reel	1,000 ft

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