



**Product:** [65404CY](#) 

XTRAGUARD FLEX, 4C #14, Str, PVC, 600 V, AWM/STYLE 2587 90C, CSA C(RU) AWM I/II A/B, CSA FT1

## Product Description

XTRAGUARD FLEX, 4 Conductor 14 AWG (41/30) BC - Bare Copper, PVC Insulation, Overall Tinned Copper Shield, Slate PVC, Oil Resistant Outer Jacket, AWM/STYLE 2587 90C, CSA C(RU) AWM I/II A/B, CSA FT1 C(RU) AWM I/II A/B, FT1 UL FT1; CSA FT1

## 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	14 AWG	41x30	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.022 in (0.56 mm)	0.118 in (3.00 mm)	Black #1, Black #2, Black #3, Yellow/Green

#### Outer Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	85%

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.047 in (1.2 mm)	0.456 in (11.6 mm)

Overall Cable Diameter (Nominal):	0.456 in (11.6 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)	49 pF/ft (160 pF/m)	88 pF/ft (290 pF/m)	0.17 µH/ft (0.56 µH/m)

Nom Outer Shield DCR:	25 Ohm/1000ft (82 Ohm/km)
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#### Voltage

UL Voltage Rating	Voltage Rating
600 V (AWM 2587)	600 V (CSA AWM)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating	Installation
90°C	-40°C To +90°C	-5°C To +90°C

#### Bend Radius

**Stationary Min.**

4.6 in (120 mm)

Max. Pull Tension: 14.9 lbs (6.76 kg)

**Standards and Compliance**

Environmental Suitability:	Indoor, Outdoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT1 Loading, FT1
AWM Compliance:	AWM 2587, AWM I/II A/B
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 65404CY 4C 14 AWG XTRAGUARD(R) FLEXIBLE CONTROL CABLE RU AWM 2587 CLASS K OR CRU AWM I/II A/B FT1 90C 600V CE ROHS (SEQ FOOTAGE)
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**History**

Update and Revision:	Revision Number: 0.13 Revision Date: 06-30-2026
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**Part Numbers****Variants**

Item #	Putup Type	Length
65404CY SL005	Reel	100 ft
65404CY SL002	Reel	500 ft
65404CY SL001	Reel	1,000 ft

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