




**Product:** [902009](#) 

XTRAGUARD FLEX, 9C #20, Str, PVC/NYLON, 600 V, AWM/STYLE 1316 90C, AWM/STYLE 20626 90C, SUN RES, OIL RES I/II, PLTC 90C, CSA C(RU) AWM I/II A/B, CSA FT4

## Product Description

XTRAGUARD FLEX, 9 Conductor 20 AWG (10/30) BC - Bare Copper, PVC/NYLON Insulation, Slate TPE Outer Jacket, AWM/STYLE 1316 90C, AWM/STYLE 20626 90C, SUN RES, OIL RES I/II, PLTC 90C, CSA C(RU) AWM I/II A/B, CSA FT4 C(RU) AWM I/II A/B, FT4 UL FT4; 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)	9	20 AWG	10x30	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC/Nylon - Polyvinyl Chloride + Nylon	0.016 in (0.41 mm)	0.079 in (2.0 mm)	Green/Yellow, Black#1, Black#2, Black#3, Black#4, Black#5, Black#6, Black#7, Black#8

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
TPE - Thermoplastic Elastomer	0.055 in (1.4 mm)	0.413 in (10.5 mm)

Overall Cable Diameter (Nominal):	0.413 in (10.5 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Inductance
Conductor(s)	23.6 pF/ft (77.4 pF/m)	0.21 μH/ft (0.69 μH/m)

#### Voltage

UL Voltage Rating	Voltage Rating
600 V (AWM 20626)	600 V (CSA AWM)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating	Installation
90°C	-30°C To +90°C	-5°C To +90°C

#### Bend Radius

Stationary Min.	Installation Min.
1.7 in (43 mm)	2.5 in (64 mm)

Max. Pull Tension:	18.5 lbs (8.39 kg)
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### Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, Oil Resistance
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Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
NEC / UL Compliance:	Article 725, PLTC
AWM Compliance:	AWM 20626, 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 902009 9C 20 AWG (UL) TYPE PLTC 90C OIL RES I/II SUN RES OR RU AWM STYLE 20626 90C 600V OR CRU AWM I/II A/B 90C 600V FT4 CE ROHS (DATE CODE) (SEQ FOOTAGE)
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## History

Update and Revision:	Revision Number: 0.19 Revision Date: 06-30-2026
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length
902009 SL005	Green/Yellow	Reel	100 ft
902009 SL001	Green/Yellow	Reel	1,000 ft

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