



Product: [87707](#) 

XTRAGUARD FLEX, 7C #10, Str, TPES, 600 V, AWM/STYLE 10162 80C, AWM/STYLE 20234 80C, VW-1, CSA C(RU) AWM I/II A/B FT2

Product Description

XTRAGUARD FLEX, 7 Conductor 10 AWG (19/23) BC - Bare Copper, TPES Insulation, Black Polyurethane (TPU) Outer Jacket, AWM/STYLE 10162 80C, AWM/STYLE 20234 80C, VW-1, CSA C(RU) AWM I/II A/B FT2 C(RU) AWM I/II A/B FT2 UL VW-1

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)	7	10 AWG	19x23	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	TPE - Thermoplastic Elastomer	0.030 in (0.76 mm)	0.172 in (4.37 mm)	Green/Yellow, Black#1, Black#2, Black#3, Black#4, Black#5, Black#6

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PUR - Polyurethane	0.070 in (1.8 mm)	0.721 in (18.3 mm)

Overall Cable Diameter (Nominal): 0.721 in (18.3 mm)

Electrical Characteristics

Electricals

Element	Nom. Inductance
Conductor(s)	0.17 μ H/ft (0.56 μ H/m)

Voltage

UL Voltage Rating	Voltage Rating
600 V (AWM 20234)	600 V (CSA AWM)

Mechanical Characteristics

Temperature

UL Temperature	Operating	Installation
80°C	-30°C To +80°C	-10°C To +80°C

Bend Radius

Stationary Min.	Installation Min.
4.3 in (110 mm)	5.8 in (150 mm)

Max. Pull Tension: 12.7 lbs (5.76 kg)

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL VW-1, FT2
AWM Compliance:	AWM 20234, 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 87707 7C 10 AWG XTRAGUARD(R) FLEXIBLE TORSION CABLE - RU AWM 20234 VW-1 OR CRU AWM I/II A/B 80C 600 VOLTS FT2 CE ROHS (SEQ FOOTAGE)
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History

Update and Revision:	Revision Number: 0.61 Revision Date: 06-30-2026
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Part Numbers

Variants

Item #	Color
87707 BK199	Green/Yellow

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