



Product: [45279/11](#) 

XTRAGUARD 4, 11PR #24, Str, TPE, 300 V, AWM/STYLE 20237 125C, AWM/STYLE 21918 125C, SUN RES, CSA C(RU) AWM I/II A/B FT1, CSA SUN RES (Black only)

Product Description

XTRAGUARD 4, 11 Pair 24 AWG (7/32) TC - Tinned Copper, TPE Insulation, Overall Aluminum/Polyester Shield, Slate TPE Outer Jacket, AWM/STYLE 20237 125C, AWM/STYLE 21918 125C, SUN RES, CSA C(RU) AWM I/II A/B FT1, CSA SUN RES (Black only) C(RU) AWM I/II A/B FT1, SUN RES (Black only)

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)	11	24 AWG	7x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	TPE - Thermoplastic Elastomer	0.016 in (0.41 mm)	0.056 in (1.4 mm)	White-Black, White-Brown, White-Red, White-Orange, White-Yellow, White-Green, White-Blue, White-Violet, White-Slate, Black-Brown, Black-Red

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC
Braid	Tinned Copper (TC)	70%	

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
TPE - Thermoplastic Elastomer	0.042 in (1.1 mm)	0.483 in (12.3 mm)	Yes

Overall Cable Diameter (Nominal):	0.483 in (12.3 mm)
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Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Inductance
Pair(s)	14 pF/ft (46 pF/m)	25 pF/ft (82 pF/m)	115 Ohm	0.22 μH/ft (0.72 μH/m)

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

UL Voltage Rating	Voltage Rating
300 V (AWM 20237, AWM 21918)	300 V (CSA AWM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
125°C	-50°C To +125°C

Bend Radius

Stationary Min.

4.8 in (120 mm)

Max. Pull Tension: 50 lbs (23 kg)

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance - Black only
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	FT1
AWM Compliance:	AWM 20237AWM 21918, AWM I/II A/B
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), 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 45279/11 11PR 24 AWG XTRAGUARD(R) 4 RU AWM 20237/21918 125C 300V SUN RES OR CRU AWM I/II A/B 125C 300 VOLTS FT1 P-07-KA140023-MSHA CE ROHS (SEQ FOOTAGE)
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History

Update and Revision:	Revision Number: 0.11 Revision Date: 06-30-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length
45279/11 BK199	White/Black	Cut to Length	1 ft

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