



Product: [78232](#) 

ECOCABLE, 2PR #22, Str, Modified Polyphenylene Ether-PE, 300 V, AWM/STYLE 21460 80C, VW-1, CSA C(RU) AWM I A/B FT1

Product Description

ECOCABLE, 2 Pair 22 AWG (19/34) TC - Tinned Copper, Modified Polyphenylene Ether-PE Insulation, Overall Aluminum/Polyester Shield, Slate Modified Polyphenylene Ether-PE Outer Jacket, AWM/STYLE 21460 80C, VW-1, CSA C(RU) AWM I A/B FT1 C(RU) AWM I A/B FT1 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
Pair(s)	2	22 AWG	19x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	mPPE - Modified Polyphenylene Ether	0.007 in (0.18 mm)	0.046 in (1.2 mm)	White-Black, White-Brown

Inner Shield

Element	Shield Type	Material	Coverage	Drainwire Type
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
mPPE - Modified Polyphenylene Ether	0.015 in (0.38 mm)	0.209 in (5.31 mm)	Yes

Overall Cable Diameter (Nominal):	0.209 in (5.31 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)	38 pF/ft (120 pF/m)	68 pF/ft (220 pF/m)	43 Ohm	0.16 µH/ft (0.52 µH/m)

Nom Outer Shield DCR:	117 Ohm/1000ft (384 Ohm/km)
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Voltage

UL Voltage Rating
300 V (AWM 21460), 300 V (CSA AWM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-40°C To +80°C

Bend Radius

Stationary Min.
2.1 in (53 mm)

Max. Pull Tension: 71 lbs (32 kg)

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL VW-1, FT1
AWM Compliance:	AWM 21460, AWM I 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 78232 2PR 22 AWG ECOCABLE(R) MINI RU AWM 21460 80C 300V VW-1 C(RU) AWM I A/B FT1 80C 300V CE ROHS (SEQ FOOTAGE)

History

Update and Revision: Revision Number: 0.9 Revision Date: 06-30-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length
78232 SL005	White/Black	Reel	100 ft
78232 SL001	White/Black	Reel	1,000 ft

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