



Product: [77135](#) 

ECOCABLE, 4C #16, Str, MPPE, 600 V, AWM/STYLE 11231 105C, AWM/STYLE 21915 105C, Horizontal Flame, CSA C(RU) AWM I/II A/B FT2

Product Description

ECOCABLE, 4 Conductor 16 AWG (19.0117) TC - Tinned Copper, MPPE Insulation, Overall Aluminum/Polyester Shield, Slate MPPE Outer Jacket, AWM/STYLE 11231 105C, AWM/STYLE 21915 105C, Horizontal Flame, CSA C(RU) AWM I/II A/B FT2 C(RU) AWM I/II A/B FT2

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	16 AWG	19x29	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	mPPE - Modified Polyphenylene Ether	0.012 in (0.30 mm)	0.083 in (2.1 mm)	Black, Brown, Red, Orange

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (16x30) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
mPPE - Modified Polyphenylene Ether	0.032 in (0.81 mm)	0.273 in (6.93 mm)	Yes

Overall Cable Diameter (Nominal):	0.273 in (6.93 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)	32 pF/ft (100 pF/m)	58 pF/ft (190 pF/m)	0.16 μH/ft (0.52 μH/m)

Nom Outer Shield DCR:	6 Ohm/1000ft (20 Ohm/km)
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Voltage

UL Voltage Rating
600 V (AWM 11231, AWM 21915), 600 V (CSA AWM)

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-50°C To +105°C

Bend Radius

Stationary Min.

2.7 in (69 mm)

Max. Pull Tension: 29 lbs (13 kg)

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	FT2
AWM Compliance:	AWM 21915, 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 77135 4C 16 AWG ECOCABLE(R) RU AWM 21915 105C 600V C(RU) AWM I/II A/B FT2 600V 105C CE ROHS (SEQ FOOTAGE)
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History

Update and Revision:	Revision Number: 0.14 Revision Date: 06-30-2026
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Part Numbers**Variants**

Item #	Color	Putup Type	Length
77135 SL199	Black	Cut to Length	1 ft
77135 SL005	Black	Reel	100 ft
77135 SL001	Black	Reel	1,000 ft

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