



Product: [78044](#) 

ECOCABLE, 4C #20, Str, Modified Polyphenylene Ether-PE, 300 V, AWM/STYLE 21460 80C, VW-1, CSA C(RU) AWM I A/B FT1

Product Description

ECOCABLE, 4 Conductor 20 AWG (19/32) TC - Tinned Copper, Modified Polyphenylene Ether-PE Insulation, 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.
------------------------	--

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	20 AWG	19x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	mPPE - Modified Polyphenylene Ether	0.007 in (0.18 mm)	0.054 in (1.4 mm)	Black, Red, White, Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
mPPE - Modified Polyphenylene Ether	0.015 in (0.38 mm)	0.165 in (4.19 mm)	Yes

Overall Cable Diameter (Nominal):	0.165 in (4.19 mm)
-----------------------------------	--------------------

Electrical Characteristics

Electricals

Element	Nom. Capacitance Cond-to-Cond	Nom. Inductance
Conductor(s)	21.5 pF/ft (70.5 pF/m)	0.15 μ H/ft (0.49 μ H/m)

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.
1.7 in (43 mm)

Max. Pull Tension:	24.4 lbs (11.1 kg)
--------------------	--------------------

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL VW-1, FT1
AWM Compliance:	AWM 21460, 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 78044 4C 20 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: 0.13 Revision Date: 06-30-2026
----------------------	---

Part Numbers

Variants

Item #	Color	Putup Type	Length
78044 SL005	Black	Reel	100 ft
78044 SL001	Black	Reel	1,000 ft

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.