



Product: [8455](#)

Portable Cordage, 5 C #20+18 Str TC, EPDM Ins, Rubber Jkt, UL AWM 4256

Request Sample

Product Description

Portable Cordage, 5 Conductor 20+18AWG (26x34, 41x34) Tinned Copper, EPDM Insulation, Rubber Outer Jacket, UL AWM 4256

Technical Specifications

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor1	3	20 AWG	26x34	TC - Tinned Copper
Conductor(s)	1	18 AWG	41x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor1	EPDM - Ethylene Propylene Diene Monomer	0.018 in (0.46 mm)	0.073 in (1.9 mm)	Brown, Green, White
Conductor2	EPDM - Ethylene Propylene Diene Monomer	0.018 in (0.46 mm)	0.083 in (2.1 mm)	Red, Black

Outer Shield

Material
No Shield

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Paper Tape	SBR - Styrene Butadiene Rubber	0.031 in (0.79 mm)	0.28 in
Overall Cable Diameter (Nominal):		0.28 in	

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Conductor(s)	11.8 Ohm/1000ft	3 Amps per Conductor at 25°C
Conductor(s)	7.4 Ohm/1000ft (24 Ohm/km)	7.5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
2.8 in (71 mm)	2.8 in

Max. Pull Tension:	59.5 lbs (27.0 kg)
Bulk Cable Weight:	48 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
AWM Compliance:	AWM 4256
CEC / C(UL) Compliance:	LL7874
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

Product Notes

Notes:	Paper Separator Tape
--------	----------------------

History

Update and Revision:	Revision Number: 0.359 Revision Date: 05-05-2023
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8455 010250	Black	Reel	250 ft	612825207900	C
8455 010U500	Black	Reel	500 ft	612825207894	
8455 010U1000	Black	Reel	1,000 ft	612825207887	

© 2024 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.