



Product: [8453](#)

Portable Cordage, 3 C #18 Str TC, EPDM Ins, Rubber Jkt, UL Type SV

[Request Sample](#)

Product Description

Portable Cordage, 3 Conductor 18AWG (41x34) Tinned Copper, EPDM Insulation, Rubber Outer Jacket, UL Type SV

Technical Specifications

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	18	41x34	TC - Tinned Copper	3

Conductor Count: 3

Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.018 in

Color Chart

Color
Black
White
Green

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
SBR - Styrene Butadiene Rubber	0.256 in	0.036 in	Cotton Serve

Construction and Dimensions

Type of Cordage:	SV
------------------	----

Cabling

Filler
Jute

Electrical Characteristics

Current

Max. Recommended Current [A]
10 Amps per conductor @ 25°C, 7 Amps per conductor @ 25°C over 50 ft
7 Amps per conductor @ 25°C over 50 ft.

Voltage

Dielectric Withstand Voltage	UL Voltage Rating
------------------------------	-------------------

1500 V AC Applied for 1 Min.	300 V RMS
------------------------------	-----------

Electrical Characteristics Notes:	Dielectric Withstand Voltage: 1500 V AC Applied for 1 Min
-----------------------------------	---

Temperature Range

UL Temp Rating:	60°C
-----------------	------

Mechanical Characteristics

Bulk Cable Weight:	42 lbs/1000ft
--------------------	---------------

Standards

NEC/(UL) Specification:	SV
-------------------------	----

CSA AWM Specification:	SV
------------------------	----

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
--------------------------------	-----

EU Directive 2003/96/EC (BFR):	Yes
--------------------------------	-----

EU Directive 2011/65/EU (ROHS II):	Yes
------------------------------------	-----

EU Directive 2012/19/EU (WEEE):	Yes
---------------------------------	-----

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
--------------------------	-------------------------------

EU CE Mark:	Yes
-------------	-----

EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-13
---------------------------------------	------------

MII Order #39 (China RoHS):	Yes
-----------------------------	-----

Flammability, LSOH, Toxicity Testing

CSA Flammability:	FT2
-------------------	-----

UL voltage rating:	300 V RMS
--------------------	-----------

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8453 010100	Black	Reel	100 ft	612825207818
8453 010500	Black	Reel	500 ft	612825207825

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

Product Notes

Notes:	Cotton Serve Separator Material
--------	---------------------------------

History

Update and Revision:	Revision Number: 0.306 Revision Date: 05-11-2020
----------------------	--

© 2020 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.