



**Part Number:** 8478

Portable Cordage, (2) 18 AWG (42x34) BC, EPDM/Rubber, Type SJ

## Product Description

Two 18 AWG stranded (42x34) bare copper conductors, EPDM insulation, rubber jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
18	42x34	BC - Bare Copper	2
<b>Total Number of Conductors:</b>			2
<b>Type of Cordage:</b>			SJ

#### Insulation:

Material	Nominal Wall Thickness
EPDM - Ethylene Propylene Diene Monomer Rubber	0.032 in

#### Color Chart 1:

Color
Black
White

#### Stranding:

Lay Length
Black mm

### Cabling 1:

Filler
Jute

### Outershield 1:

Material
Unshielded

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
Rubber	0.298 in	0.039 in	Paper Tape

<b>Print Legend:</b>	18-2 SJ 60°C (UL) E3462 - - - CSA LL7874 18-2 SJ 60°C FT2
----------------------	---

## Electrical Characteristics

### Current:

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

### Voltage:

Dielectric Withstand Voltage	UL Voltage Rating
2000 V AC Applied For 1 Min.	300 V RMS

## Use

## Safety

<b>CSA Flammability:</b>	FT2
--------------------------	-----

## Temperature Range

<b>UL Temp Rating:</b>	60°C
------------------------	------

## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	3 in
------------------------------------	------

## Part Number

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

## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CSA AWM Specification:	CSA Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
8478 010250	BLACK	Reel	250 ft

© 2016 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 herein 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 'AS IS' 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.