



**Product:** [19405](#)

Portable Cordage, 2 C #18 Str BC, CPE Ins, UL Type HPN

Request Sample

**Product Description**

Portable Cordage, 2 Conductor 18AWG (41x34) Bare Copper, CPE Insulation, UL Type HPN

**Technical Specifications**

Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
18	41x34	BC - Bare Copper	2
Conductor Count:		2	

Insulation	
Material	Nominal Wall Thickness
CPE - Chlorinated Polyethylene	0.047 in

Outer Shield

Material
No Shield

Outer Jacket

Nominal Diameter
0.14 x 0.276 in

Construction and Dimensions

Type of Cordage:	HPN
------------------	-----

Electrical Characteristics

Current

Max. Recommended Current [A]
10 Amps per Conductor at 25°C (7 Amps over 50 ft)
7 Amps per Conductor at 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

Operating Temperature Range:	-30°C To +90
------------------------------	--------------

Mechanical Characteristics

Bulk Cable Weight:	28 lbs/1000ft
Min. Bend Radius/Minor Axis:	1.5 in

Standards

NEC/(UL) Compliance:	HPN
CSA AWM Compliance:	HPN

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

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

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
19405 010250	Black	Reel	250 ft	612825127079
19405 0101000	Black	Reel	1,000 ft	612825127062

Footnote:	C - CRATE REEL PUT-UP., F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
-----------	--

History

Update and Revision:	Revision Number: 0.385 Revision Date: 05-05-2023
----------------------	--

© 2023 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.