



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

Material
No Shield

Outer Jacket Material

Nominal Diameter
0.14 x 0.276 in

Construction and Dimensions

Type of Cordage:	HPN
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Electrical Characteristics

Current

Max. Recommended Current [A]
10 Amps per conductor @ 25°C; 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

Operating Temp Range:	-30°C To +90
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Mechanical Characteristics

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

Standards

NEC/(UL) Specification:	HPN
CSA AWM Specification:	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 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):	2004-01-01
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
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
19405 010250	Black	Reel	250 ft	612825127079
19405 0101000	Black	Reel	1,000 ft	612825127062
Footnote:	C - CRATE REEL PUT-UP.			
Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.			

History

Update and Revision:	Revision Number: 0.300 Revision Date: 04-28-2020
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