



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
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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
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Temperature Range

Operating Temperature 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) 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
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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'.
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History

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