

19405 Portable Cordage - UL/CSA Types: SPT-1, SPT-2, SP-1 and HPN



Description:

HPN CPE heater cord, UL/CSA listed, 300V, 90°C.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	41x34	BC - Bare Copper

Type of Cordage: HPN

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
CPE - Chlorinated Polyethylene	.047

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Overall Cabling

Overall Nominal Diameter: 0.140 x 0.276 in.

Mechanical Characteristics (Overall)

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

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	HPN
CSA Specification:	HPN
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	VW-1
CSA Flame Test:	FT2

Plenum/Non-Plenum

Plenum (Y/N): No

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Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

10 Amps per conductor @ 25°C

7 Amps per conductor @ 25°C over 50 ft.

Dielectric Withstand Voltage: 1500 V AC Applied for 1 Min.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
19405 0101000	1,000 FT	31.000 LB	BLACK	C F	2 #18 CPE TYPE HPN 90C
19405 010250	250 FT	7.750 LB	BLACK	F	2 #18 CPE TYPE HPN 90C

Notes:

C = CRATE REEL PUT-UP.

F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'

2-Conductor

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Description	Part No.	Standard Lengths		Standard Unit Weight		Jacket Color	Conductor AWG (stranding)	Nom. Insulation Thickness		Nom. Jacket Thickness		Nominal OD	
		Ft.	m	Lbs.	kg			Inch	mm	Inch	mm	Inch	mm

SPT-1 PVC Parallel Lamp Cord • UL/CSA Listed

300V, 60°C • One Conductor Polarity Ribbed													
	19122	250 [†]	76.2	5.8	2.6	Brown, White, Black, Silver-Gray	18 (42x34) BC	.032	.81	—	—	.110	2.79
		1000 ^{††}	304.8	21.0	9.5							x	x
	8888*	250	76.2	5.5	2.5	Brown	18 (42x34) BC	.032	.81	—	—	.110	2.79
		U-1000	U-304.8	21.0	9.5							x	x
							Brown, Gray						

SPT-2 PVC Parallel Lamp Cord • UL/CSA Listed

300V, 60°C • One Conductor Polarity Ribbed													
	19123	250 [†]	76.2	7.8	3.5	Brown, White, Black	18 (42x34) BC	.049	1.24	—	—	.144	3.66
												x	x
	19126	250 [†]	76.2	9.8	4.4	Brown, Black	16 (65x34) BC	.048	1.22	—	—	.155	3.94
												x	x

SP-1 Rubber Parallel Lamp Cord • UL Listed

300V, 60°C • One Conductor Polarity Ribbed													
	19115*	250 [†]	76.2	6.8	3.1	Brown, Black	18 (41x34) BC	.035	.89	—	—	.123	3.12
												x	x

HPN CPE Heater Cord • UL/CSA Listed

300V, 90°C													
	19405	250 [†]	76.2	7.8	3.5	Black	18 (41x34) BC	.047	1.18	—	—	.140	3.56
		1000 [†]	304.8	31.0	14.1							x	x
	19404	250 [†]	76.2	9.8	4.4	Black	16 (105x36) BC	.047	1.18	—	—	.152	3.86
		1000 [†]	304.8	39.0	17.7							x	x

BC = Bare Copper • CPE = Chlorinated Polyethylene

*Not CSA recognized.

[†]Put-ups may contain more than one piece. Minimum length of any one piece is 50 ft.

^{††}Put-ups may contain more than one piece. Minimum length of any one piece is 100 ft.