

18/3, HPN 300V 105°C Flexible Heater Cord



PRODUCT DATA SHEET

Type HPN flexible heater cord is manufactured using flexible bare copper conductors laid parallel, with heat-resistant CPE jacket. Designed for use in heat-related applications, it is used in portable heaters, toasters, irons, soldering irons and paint removers.

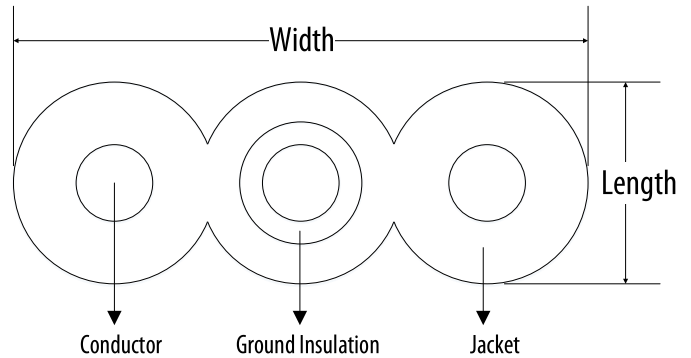
Design Number 10048
Part Number HPN1803-0
Customer Number N/A

CONSTRUCTION

Conductor: Stranded bare copper, Class M per ASTM B-174
Conductor Size: 18AWG(41/34)
Ground Insulation: CPE
Ground Insulation Avg. Thickness: 0.015"(Nom.)
Ground Insulated O.D: 0.081"(Nom.)
Jacket Material: CPE
Jacket Avg. Thickness: 0.045"(Nom.)
Overall Diameter (Width x Length): 0.362"x 0.150" (Nom.)
Jacket Color: Black
Approx. Cable Weight: 41 lbs/mft

Print Legend:

ASCENT E486041 UL HPN 18AWG/3C 300V 105C VW-1 CSA 268042 HPN
18AWG/3C 300V 105C FT2 GREEN CONDUCTOR FOR GROUNDING ONLY
HEATER CORD



Color Code: Black jacket with green insulated ground conductor

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): 105°C
Operating Voltage: 300V
Flame Test : UL VW-1

SAFETY CHARACTERISTICS

RoHS Compliance: European Directive 2015/863/EU
Approvals: UL Flexible Cord, Subject 62
CSA Flexible Cord, C22.2 No. 49

Application: for use on appliances such as coffee makers, electric kettles, toasters, fry pans, soldering guns, paint removers, etc. Also for use in automotive applications such as block heaters, car warmers

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Revision History		
00	2019/06/13	Initial release
01	2021/12/21	Add CSA printing
Created L. Jian	Approved A. Huang	

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