

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 10362
Part Number 32132192
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

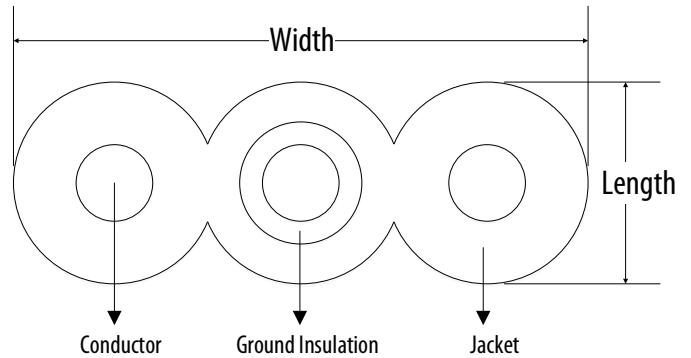
Jacket Avg. Thickness: 0.045"(Nom.)

Overall Diameter (Width x Length): 0.335" x 0.140" (Nom.)

Jacket Color: Black

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

Cold Bend Test: No Crack (-40°C, 4 hours, 6 turns)

SAFETY CHARACTERISTICS

RoHS Compliance: European Directive 2015/863/EU

Approvals: UL Flexible Cord, Subject 62

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	2020/08/20	Initial release
01	2024/10/10	The overall diameter and print legend is update
Created L. Jian	Approved T. Plochoki	

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