

16/14C Type SOOW Black



PRODUCT DATA SHEET

SOOW portable cord is recommended for use as portable electrical power and portable control wire cable. With its flexibility and resistance to the effects of abrasion, chemicals, weather and ozone, it is excellent for heavy-duty cable service applications. This cable is rated to 600 volts and has a temperature range of -40°C to +90°C. These characteristics make SOOW portable cord an excellent choice for mitigating outdoor factors.

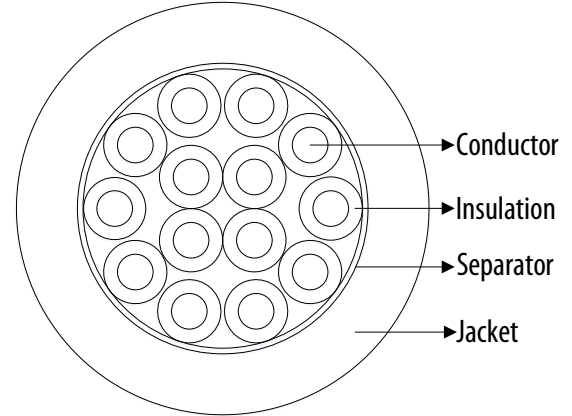
Design Number 10109
Part Number 32079328
Customer Number N/A

CONSTRUCTION

Conductor: Stranded bare copper, Class K per ASTM B-174
Conductor Size: 16AWG, 26 strands
Insulation: EPDM, oil resistant
Insulation Avg. Thickness: 0.030" (Nom.)
Insulated Conductor O.D.: 0.124" (Nom.)
Separator: Non woven cloth
Jacket Material: CPE, oil resistant
Jacket Avg. Thickness: 0.095" (Nom.)
Overall Diameter: 0.728" (Nom.)
Jacket Color: Black

Print Legend:

ASCENT E486041 16AWG 14/C SOOW (UL) 600V (-40-90C)--CSA LL268042
 FT-2 WATER RESISTANT P-07KA140001-MSHA --RoHS xxxxxFT



Color Code: Black, White, Red, Green, Orange, Blue, White/Black, Red/Black, Green/Black, Orange/Black, Blue/Black, Blue/White, Red/White, Green/White

Percentage between base color and color stripe:

At least 60%(base color) vs 40% (color stripe)

ELECTRICAL CHARACTERISTICS

Operating Temperature (°C): -40°C to +90°C
Operating Voltage: 600V
Flame Test : CSA FT2

SAFETY CHARACTERISTICS

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

Application: Industrial tools, portable lights, battery chargers and equipment that is typically exposed to oils, solvents, flame and grease, also may be used for ground tests and motor leads.

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Revision History	
00	2019/08/12 Initial release
01	2020/02/24 Update part number from 32109741 to 32079328
02	2023/02/16 Some lowercase letters in print legend is updated to uppercase
03	2024/03/06 The percentage between base color and stripe color is added
04	2024/11/19 The Black/White core color is changed to Blue/White
Created L. Jian	Approved T.Plochocki

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