

# 16/9C 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.

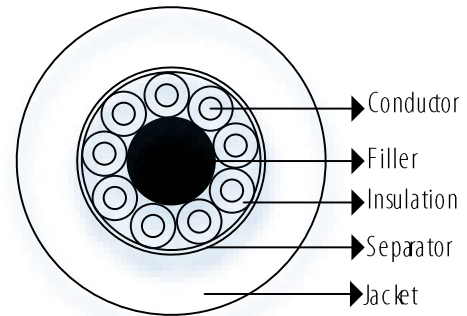
**Design Number** 10018  
**Part Number** 32109660  
**Customer Number** N/A

## CONSTRUCTION

**Conductor:** Stranded bare copper, Class K per ASTM B-174  
**Conductor Size:** 16AWG(26/30)  
**Insulation:** EPDM, oil resistant  
**Insulation Avg. Thickness:** 0.030"(Nom.)  
**Insulated Conductor O.D.:** 0.124"(Nom.)  
**Filler:** Rubber strip  
**Separator:** Non woven cloth  
**Jacket Material:** CPE, oil resistant  
**Jacket Avg. Thickness:** 0.080"(Nom.)  
**Overall Diameter:** 0.642"(Nom.)  
**Jacket Color:** Black

### Print Legend:

ASCENT E486041 16AWG 9/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

## 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	2019/02/28	Initial release
01	2019/08/12	Update the application, and the marking
02	2022/12/07	The overall diameter is updated
Created L. Jian	Approved A. Huang	

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