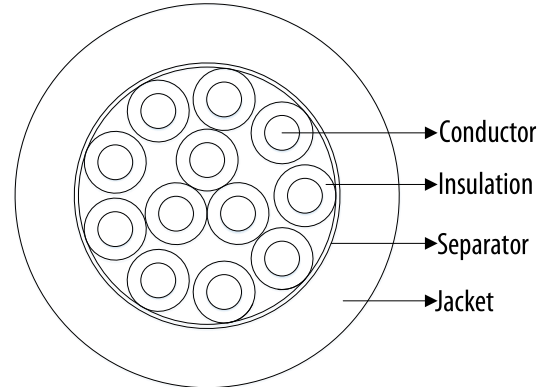


# 18/12C Type SOOW Black



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** 10718  
**Part Number** 32175217  
**Customer Number** N/A

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

## CONSTRUCTION

**Conductor:** Stranded bare copper  
**Conductor Size:** 18AWG, 16/0.254mm  
**Insulation:** EPDM, oil resistant  
**Insulation Avg. Thickness:** 0.030"(Nom.)  
**Insulated Conductor O.D.:** 0.112"(Nom.)  
**Separator:** Non-woven cloth  
**Jacket Material:** CPE, oil resistant  
**Jacket Avg. Thickness:** 0.080"(Nom.)  
**Overall Diameter:** 0.630"(Nom.)  
**Jacket Color:** Black

### Print Legend:

ASCENT E486041-11 18 AWG 12/C SOOW (UL) 600V (-40C-90C)--CSA LL603159  
FT-2 WATER RESISTANT P-07-KA170009- MSHA --RoHS xxxxxM

## ELECTRICAL CHARACTERISTICS

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

## SAFETY CHARACTERISTICS

**Approvals:** UL Flexible Cord, Subject 62  
CSA Flexible Cord, C22.2 No.49  
MSHA Approved

**RoHS Compliant**

**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	2023/02/20	Initial release
01	2023/02/22	Conductor wire size is added
02	2023/08/25	Core color White/Black is updated to White/Red
Created L. Jian		Approved A. Huang

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