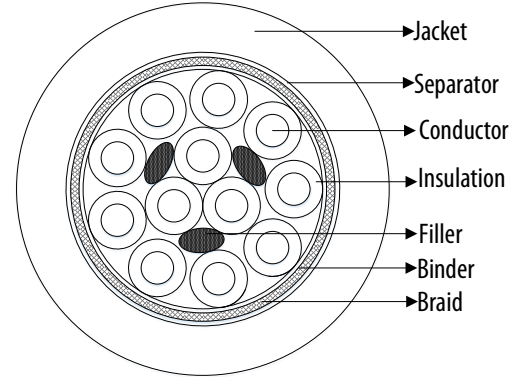


# 16/12C Type SOOW Shielded Black



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** 10911  
**Part Number** 32186377  
**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 tinned copper  
**Conductor Size:** 16AWG, 26/30  
**Insulation:** EPDM, oil resistant  
**Insulation Avg. Thickness:** 0.030" (Nom.)  
**Insulated Conductor O.D.:** 0.124" ± 0.012"  
**Filler:** Cotton Yard  
**Binder:** Tape with Non-hygroscopic materials  
**Braid:** Tinned Copper, coverage min 80%  
**Separator:** Tape with Non-hygroscopic materials  
**Jacket Material:** CPE, oil resistant  
**Jacket Avg. Thickness:** 0.080" (Nom.)  
**Overall Diameter:** 0.72" ± 0.02"  
**Jacket Color:** Black

## 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  
**RoHS Compliant**

### Print Legend:

ASCENT E486041 16AWG 12/C SOOW Shielded (UL) 600V (-40 -90C)--CSA  
LL268042 FT-2 WATER RESISTANT --RoHS xxxxxFT

**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	2023/11/24	initial release
01	2024/03/15	insulated O.D tolerance is added
Created L. Jian	Approved A. Huang	

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