

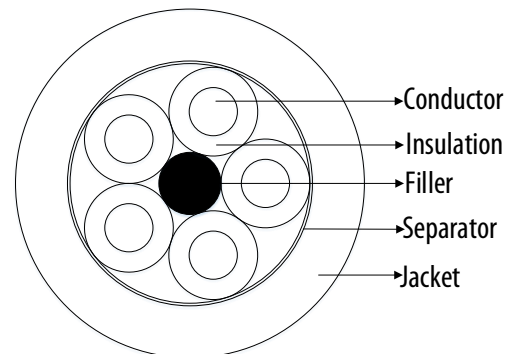
# 10/5C Type SOOW Black

## H07RN-F 450/750V 5G6



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** 10895  
**Part Number** 32187187  
**Customer Number** N/A

**Color Code:** Green/Yellow, Blue, Brown, Black, Grey

### CONSTRUCTION

**Conductor:** Stranded bare copper, Class K per ASTM B-174  
**Conductor Size:** 10AWG(86/0.30mm)  
**Insulation:** EPDM, oil resistant  
**Insulation Thickness:** 1.14mm(Nom.)  
**Filler:** Rubber strip in central  
**Separator:** Non-woven tape  
**Jacket Material:** CPE, oil resistant  
**Jacket Thickness:** 2.41mm(Nom.)  
**Overall Diameter:** Nom20.0mm, Max 20.3mm  
**Jacket Color:** Black

### ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** -40°C to +90°C  
**Operating Voltage:** 600V  
**Approx. Weight:** 660 kg/km

### Print Legend:

ASCENT E486041-11 10AWG(6.08mm<sup>2</sup>) 5C SOOW UL 600V (-40C-90C) ---  
 CSA LL603159 FT-2 WATER RESISTANT RoHS <VDE> H07RN-F 5G6mm<sup>2</sup>  
 450/750V XXXXM

### SAFETY CHARACTERISTICS

**Flame Test:** CSA FT2  
**Approvals:** UL Flexible Cord, Subject 62  
 CSA Flexible Cord, C22.2 No.49  
**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	2023/12/06	Initial release
Created L. Jian		Approved A. Huang

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