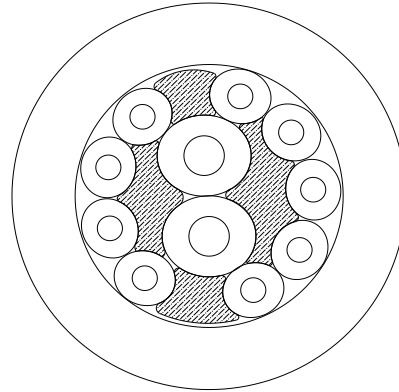




**PART NUMBER:** 830680  
**DESCRIPTION:** 14/2 & 18/9 STRANDED SOOW CONTROL CABLE  
**CONSTRUCTION:** This cable consists of two 14 AWG and nine 18 AWG bare copper insulated conductors cabled with fillers and an overall jacket.  
**APPLICATION:** UL Subject 62; CSA C22.2 No. 49; NEC Article 400  
**APPROVALS:** 600V Portable Oil and Water Resistant Submersible Outdoor Flexible Power Cable

**Construction Parameters:**

Conductor		14 AWG Bare Copper 18 AWG Bare Copper
Stranding	14 AWG	41/30
	18 AWG	16/30
Insulation Material		EPDM
Insulation Thickness	14 AWG	0.046" Nom.
	18 AWG	0.031" Nom.
Insulated Conductor Diameter	14 AWG	0.166" Nom.
	18 AWG	0.108" Nom.
Number of Conductors	14 AWG	2
	18 AWG	9
Lay Length		6.5"
Filler Type		Paper
Separator/Wrap		Paper Tissue
Jacket Material		CPE
Jacket Thickness		0.097" Nom.
Overall Cable Diameter	+/- 0.015"	0.680" Nom.
Approximate Cable Weight		298.8 Lbs/1M' Nom.
Flame Rating		UL/CSA Horizontal Flame Test



**Electrical Properties:**

Temperature Rating	-40°C to 90°C
Operating Voltage	600 V RMS Max.
DC Resistance per 14 AWG Conductor @ 20°C	2.58 Ohms/1M' Nom.
DC Resistance per 18 AWG Conductor @ 20°C	6.49 Ohms/1M' Nom.

Insulation Colors      14 AWG      Center Conductors (14AWG): Purple Black  
                                  18 AWG      (18 AWG): Orange, Pink, Red, Green, Blue, Tan, Brown, Yellow, Turquoise

Jacket Color      Black

Legend (White Surface Ink Print)      MILLER ELECTRIC MFG CO 14 AWG (2.08mm<sup>2</sup>) 2/C & 18 AWG (0.82mm<sup>2</sup>) 9/C SOOW E54864-L (UL) 600V -40C TO 90C -- CSA LL39753(L) SOOW 600V -40C TO 90C FT2

*Complies with European Directive 2011/65/EU (RoHS-2)*  
 The customer will accept all factory lengths and +/- 10 percent of total order requested.

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Customer Name \_\_\_\_\_

Customer Approval \_\_\_\_\_

Specification Issue Date: July 29, 2013