



# PRODUCT DATA SHEET

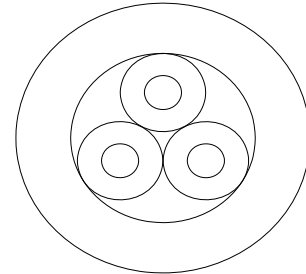
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PART NUMBER: 812325  
DESCRIPTION: 18/3 STRANDED TYPE SOOW FLEXIBLE POWER CABLE  
CONSTRUCTION: This cable consists of three tinned copper insulated conductors cabled with fillers and an overall jacket.  
APPROVALS: UL Standard 62, CSA 22.2 No. 49, NEC Article 400., MSHA  
APPLICATION: 600V Portable Oil and Water Resistant Submersible Outdoor Flexible Power Cable

## Construction Parameters:

Conductor	18 AWG Tinned Copper
Stranding	16/30
Insulation Material	EPDM
Insulation Thickness	0.031" Nom.
Insulated Conductor Diameter	0.108" Nom.
Number of Conductors	3
Lay Length	1.75" Nom.
Filler Type	Paper
Separator/Wrap	Paper
Jacket Material	CPE
Jacket Thickness	0.069" Nom.
Overall Cable Diameter	0.370" Nom.
Approximate Cable Weight	76.7 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 Conductor @ 20°C	6.65 Ohms/1M' Nom.

Insulation Colors	Black White Red
Jacket Color	Black

Legend (White Surface Ink Print)	CCI 18 AWG (0.82mm <sup>2</sup> ) 3/C SOOW E54864-L (UL) 600V -40C to 90C -- CSA LL39753(L) SOOW 600V -40C TO 90C FT2 WATER RESISTANT P-07-KA070018-1 MSHA (Julian Date)
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This product complies with European Directive 2002/95/EC (RoHS)

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Customer Name \_\_\_\_\_ Date Signed \_\_\_\_\_

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

Specification Issue Date: May 19, 2009