



# PRODUCT DATA SHEET

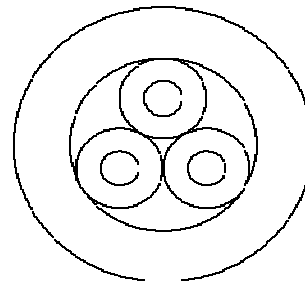
Controlled Document - Engineering Drive

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PART NUMBER: 822321  
DESCRIPTION: 6/3 STRANDED TYPE SOOW FLEXIBLE POWER CABLE  
CONSTRUCTION: This cable consists of three bare copper insulated conductors cabled with fillers and an overall jacket.  
APPROVALS: (MSHA) This cable is not listed.  
APPLICATION: 600V Portable Oil and Water Resistant Submersible Outdoor Flexible Power Cable

## Construction Parameters:

Conductor	6 AWG Bare Copper
Stranding	101/26
Insulation Material	Ethylene Propylene (EP)
Insulation Thickness	0.050" Nom.
Insulated Conductor Diameter	0.282" Nom.
Number of Conductors	3
Lay Length	7.25" Nom.
Filler Type	n/a
Separator/Wrap	Paper
Jacket Material	CPE (chlorinated polyethylene)
Jacket Thickness	0.080" Nom.
Overall Cable Diameter	0.735" Nom.
Approximate Cable Weight	500.0 Lbs/1M' Nom.



## Electrical Properties:

Temperature Rating	-40°C to 90°C
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	0.40 Ohms/1M' Nom.

Insulation Colors	Black White Green
Jacket Color	Black

Legend (White Surface Ink Print) CCI ROYAL ★★★★★ 6/3 (13mm<sup>2</sup>) TYPE SOOW 90C 600V 07-KA070018-1 MSHA (Julian Date)

Ink Jet Legend (White) P-07-KA070018-1 MSHA

This product complies with European Directive 2002/95/EC (RoHS)  
On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

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

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

Specification Issue Date: August 3, 2009