



# PRODUCT DATA SHEET

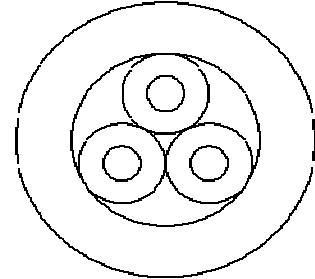
Controlled Document - Engineering Drive

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PART NUMBER: 822328  
DESCRIPTION: 12/3 STRANDED TYPE SOOW FLEXIBLE POWER CABLE  
CONSTRUCTION: This cable consists of three bare copper insulated conductors cabled with fillers and an overall jacket.  
APPROVALS: 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 12 AWG Bare Copper  
Stranding 65/30  
Insulation Material Ethylene Propylene (EP)  
Insulation Thickness 0.046" Nom.  
Insulated Conductor Diameter 0.184" Nom.  
Number of Conductors 3  
Lay Length 3.00" Nom.  
Filler Type n/a  
Separator/Wrap Paper Tissue  
Jacket Material CPE (chlorinated polyethylene)  
Jacket Thickness 0.098" Nom.  
Overall Cable Diameter 0.595" Nom.  
Approximate Cable Weight 235.0 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 1.62 Ohms/1M' Nom.

Insulation Colors Black White Green  
Jacket Color Black

Legend (White Surface Ink Print) CCI ROYAL      3/C 12 AWG (3.31mm<sup>2</sup>) SOOW E54864-L (UL) 600V  
-40C to 90C CSA LL39753(L) FT2 WATER RESISTANT 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: March 23, 2009