



# PRODUCT DATA SHEET

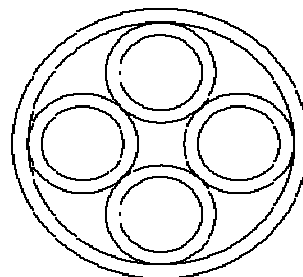
Controlled Document - Engineering Drive

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PART NUMBER: 822447  
DESCRIPTION: 14/4 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	14 AWG Bare Copper
Stranding	41/30
Insulation Material	Ethylene Propylene (EP)
Separator	Polyester
Insulation Thickness	0.046" Nom.
Insulated Conductor Diameter	0.166" Nom.
Number of Conductors	4
Lay Length	3.75" Nom.
Filler Type	Paper or Jute
Separator/Wrap	Paper or Polyester
Jacket Material	CPE (chlorinated polyethylene)
Jacket Thickness	0.082" Nom.
Overall Cable Diameter	0.565" Nom.
Approximate Cable Weight	196.3 Lbs/1M' Nom.
Flame Rating	UL/CSA Horizontal Flame Test



## Electrical Properties:

Temperature Rating	-40°C to 105°C
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	2.58 Ohms/1M' Nom.

Insulation Colors	Black White Red Green
Jacket Color	Yellow

Legend (Black Surface Ink Print)  CCI ROYAL SOVEREIGN  4/C 14 AWG (2.08mm<sup>2</sup>) SOOW E54864-L  
(UL) 600V -40C TO 105C CSA LL39753(L) FT2 WATER RESISTANT 07-KA070018-1 MSHA  
(Julian Date)

Ink Jet Legend (Black) 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