



PRODUCT DATA SHEET

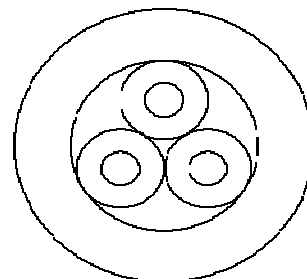
Controlled Document - Engineering Drive

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PART NUMBER: 822346
DESCRIPTION: 16/3 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	16 AWG Bare Copper
Stranding	26/30
Insulation Material	EPDM
Separator	Polyester
Insulation Thickness	0.031" Nom.
Insulated Conductor Diameter	0.121" Nom.
Number of Conductors	3
Lay Length	1.50" Nom.
Filler Type	n/a
Separator/Wrap	Paper
Jacket Material	CPE (chlorinated polyethylene)
Jacket Thickness	0.065" Nom.
Overall Cable Diameter	0.390" Nom.
Approximate Cable Weight	94.7 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	4.00 Ohms/1M' Nom.

Insulation Colors	Black White Green
Jacket Color	Yellow

Legend (Black Surface Ink Print) CCI ROYAL SOVEREIGN  3/C 16 AWG (1.31mm²) 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