



PRODUCT DATA SHEET

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PART NUMBER: 822225
DESCRIPTION: 18/2 STRANDED TYPE SOOW FLEXIBLE POWER CABLE
CONSTRUCTION: This cable consists of two bare copper insulated conductors cabled with fillers and an overall jacket.
APPROVALS: UL Standard 62, CSA 22.2 No. 49, NEC Article 400.
APPLICATION: 600V Portable Oil and Water Resistant Submersible Outdoor Flexible Power Cable

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	16/30
Insulation Material	Ethylene Propylene (EP)
Insulation Thickness	0.030" Nom.
Insulated Conductor Diameter	0.106" Nom.
Number of Conductors	2
Lay Length	1.50" Nom.
Filler Type	Paper
Separator/Wrap	Paper Tissue
Jacket Material	CPE (chlorinated polyethylene)
Jacket Thickness	0.060" Nom.
Overall Cable Diameter	0.340" Nom.
Approximate Cable Weight	63.0 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	6.49 Ohms/1M' Nom.

Insulation Colors	Black White
Jacket Color	Black

Legend  CCI Royal Brand  18/2 SOOW E54864-T (UL) 600V -40C to 90C CSA 223373 FT2 Water Resistant P-7K-254013 MSHA
(White Surface Ink Print - MSHA in indent)

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: January 12, 2004