



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 822329
DESCRIPTION: 10/3 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.
APPLICATION: 600V Portable Oil and Water Resistant Submersible Outdoor Flexible Power Cable



Construction Parameters:

Conductor 10 AWG Bare Copper
Stranding 104/30
Insulation Material Ethylene Propylene (EP)
Insulation Thickness 0.045" Nom.
Insulated Conductor Diameter 0.214" Nom.
Number of Conductors 3
Lay Length 3.50" Nom.
Filler Type Paper or Rubber
Separator/Wrap Paper Tissue
Jacket Material CPE (chlorinated polyethylene)
Jacket Thickness 0.095" Nom.
Overall Cable Diameter 0.660" Nom.
Approximate Cable Weight 300. 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 0.99 Ohms/1M' Nom.

Insulation Colors Black White Green
Jacket Color Black

Legend  CCI Royal  10/3 SOOW E54864-G (UL) 600V -40C to 90C CSA 225270
FT2 Water Resistant P-7K-123033 MSHA
(White Surface Ink Print - MSHA in indent)

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: September 27, 2006