



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 22325
DESCRIPTION: 18/3 STRANDED TYPE SEOWW SUBMERSIBLE 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 18 AWG Bare Copper
Stranding 16/30
Insulation Material 105C TPE
Insulation Thickness 0.031" Nom.
Insulated Conductor Diameter 0.108" Nom.
Number of Conductors 3
Lay Length 1.75" Nom.
Filler Type Polypropylene
Separator/Wrap Paper Tissue
Jacket Material 105C TPE
Jacket Thickness 0.066" Nom.
Overall Cable Diameter 0.365" Nom.
Approximate Cable Weight 71.0 Lbs/1M' Nom.
Flame Rating UL/CSA Horizontal Flame Test

Electrical Properties:

Temperature Rating -50°C to 105°C
Operating Voltage 600 V RMS Max.
DC Resistance per Conductor @ 20°C 6.49 Ohms/1M' Nom.
Max Ampacity per Conductor (Per NEC Table 400-5a) 10 amps/cond (Assume two current carrying conductors)

(Note: Because of 105C temperature rating, higher current can be used under engineering supervision)

Insulation Colors Black White Green
Jacket Color Black (Other colors available for minimum order)

Legend  CCI SEOPRENE 105 18 AWG (.82mm²) 3/C SEOWW E54864 (UL) 600V -50C TO 105C CSA LL39753 STOOW(TPE) -50C TO 105C FT2 WATER RESISTANT (White Surface Ink Print - P-241-3-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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Date Signed _____

Customer Name _____
Customer Approval _____

Specification Issue Date: May 23, 2006