



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive  
Waukegan, IL 60085  
Toll-Free (800) 323-9355  
Fax: (847) 689-1192

**PART NUMBER:** 622328  
**DESCRIPTION:** 12/3 STRANDED TYPE SEOOOW 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	12 AWG Bare Copper
Stranding	65/30
Insulation Material	105C TPE
Insulation Thickness	0.048" Nom.
Insulated Conductor Diameter	0.184" Nom.
Number of Conductors	3
Lay Length	3.00" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	105C TPE
Jacket Thickness	0.098" Nom.
Overall Cable Diameter	0.595" Nom.
Approximate Cable Weight	203.6 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	1.59 Ohms/1M' Nom.
Max Ampacity per Conductor (Per NEC Table 400-5a)	25 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 AQUAMASTER 1-800-693-3144 12 AWG (3.31mm<sup>2</sup>) 3/C SEOOOW E54864  
 (UL) 600V -50C TO 105C - CSA 1189753 STOOW(TPE) 600V -50C TO-  
 105C FT2 WATER RESISTANT (CC)  
 (White Surface Ink Print - P-241-3-MSHA-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 Boyer Date Signed 3-30-11  
 Customer Approval Karen Slusarz

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