



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 622329
DESCRIPTION: 10/3 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	10 AWG Bare Copper
Stranding	104/30
Insulation Material	105C TPE
Insulation Thickness	0.046" Nom.
Insulated Conductor Diameter	0.204" Nom.
Number of Conductors	3
Lay Length	3.50" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	105C TPE
Jacket Thickness	0.107" Nom.
Overall Cable Diameter	0.655" Nom.
Approximate Cable Weight	269.0 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	0.99 Ohms/1M' Nom.
Max Ampacity per Conductor (Per NEC Table 400-5a)	30 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 10 AWG (5.26mm²) 3/C SEOWW E54864 (UL)
600V -50C TO 105C - CSA LL39753 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 PEP Date Signed 3-30-11
Customer Approval Karen Susser

Specification Issue Date: March 30, 2011