



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 622427
DESCRIPTION: 14/4 STRANDED TYPE SEOWW SUBMERSIBLE FLEXIBLE POWER CABLE
CONSTRUCTION: This cable consists of four 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 14 AWG Bare Copper
Stranding 41/30
Insulation Material TPE
Insulation Thickness 0.046" Nom.
Insulated Conductor Diameter 0.166" Nom.
Number of Conductors 4
Lay Length 3.25" Nom.
Filler Type Polypropylene
Separator/Wrap Paper Tissue
Jacket Material TPE
Jacket Thickness 0.082" Nom.
Overall Cable Diameter 0.565" Nom.
Approximate Cable Weight 166.4 Lbs/1M' Nom.
Flame Rating UL/CSA Horizontal Flame Test
Additional Approvals Meets UL 720 hour Sunlight Resistance

Electrical Properties:

Temperature Rating -50°C to 105°C
Operating Voltage 600 V RMS Max.
DC Resistance per Conductor @ 20°C 2.53 Ohms/1M' Nom.
Max Ampacity per Conductor (Per NEC Table 400-5a) 18 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 Red Green
Jacket Color Black (Other colors available for minimum order)

Legend AQUAMASTER 1-800-693-3144 14 AWG (2.08mm²) 4/C SEOWW E54864 (UL)
600V -50C TO 105C -- CSA LL39753 STOOW(TPE) 600V -50C TO 105C FT2
WATER RESISTANT C €

(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 IBWC Date Signed 4-5-11
Customer Approval Karen Slesar

Specification Issue Date: April 5, 2011