



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 622428
DESCRIPTION: 12/4 STRANDED TYPE SEOW 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 12 AWG Bare Copper
Stranding 65/30
Insulation Material 105C TPE
Insulation Thickness 0.046" Nom.
Insulated Conductor Diameter 0.184" Nom.
Number of Conductors 4
Lay Length 3.75" Nom.
Filler Type Polypropylene
Separator/Wrap Paper Tissue
Jacket Material 105C TPE
Jacket Thickness 0.100" Nom.
Overall Cable Diameter 0.645" Nom.
Approximate Cable Weight 247.4 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) 20 amps/cond (Assume three 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 12 AWG (3.31mm²) 4/C SEOW E54864 (UL) 600V 50C TO 105C -- CSA LL39753 STCOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT (C E)
(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 DBUOL Date Signed 3-30-11
Customer Approval Karen Stewart

Specification Issue Date: March 30, 2011