



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 622429
DESCRIPTION: 10/4 STRANDED TYPE SEOOV 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	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	4
Lay Length	4.25" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	105C TPE
Jacket Thickness	0.106" Nom.
Overall Cable Diameter	0.705" Nom.
Approximate Cable Weight	326.9 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)	25 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 (Indent Print) ✱ AQUAMASTER 1-800-693-3144 10 AWG (5.26mm²) 4/C SEOOV E54864 (UL) 600V
-50C TO 105C -- CSA LL39763 STOOV(TPE) 600V -50C TO 105C FT2 WATER
RESISTANT CE
(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 Boyle Date Signed 3-30-11
Customer Approval Karon Shuster

Specification Issue Date: March 30, 2011