



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 622589  
**DESCRIPTION:** 6/4 STRANDED TYPE SEOW 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	6 AWG Bare Copper
Stranding	7x19/27
Insulation Material	TPE
Insulation Thickness	0.062" Nom.
Insulated Conductor Diameter	0.326" Nom.
Number of Conductors	4
Lay Length	6.50" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	TPE
Jacket Thickness	0.145" Nom.
Overall Cable Diameter	1.079" Nom.
Approximate Cable Weight	788.9 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	0.40 Ohms/1M' Nom.
Ampacity	45 Amps Per Conductor (Assume three current carrying conductors) (Based on NEC Table 400-6(a))

Insulation Colors	Black White Red Green
Jacket Color	Black

Legend

AQUAMASTER 1-800-693-3144 6 AWG (13.3mm<sup>2</sup>) 4/C SEOW E54864 (UL) 600V -50C TO 105C -- CSA LL38753 STOOW(TPE) 600V -50C TO 105C FT2 WATER RESISTANT

*X* 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 B. We

Customer Approval Karen Stussell

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