



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 30608
DESCRIPTION: 12/6 STRANDED TYPE SEOW FLEXIBLE POWER CABLE
CONSTRUCTION: This cable consists of six 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	TPE
Insulation Thickness	0.046" Nom.
Insulated Conductor Diameter	0.184" Nom.
Number of Conductors	6
Lay Length	5.50" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	TPE
Jacket Thickness	0.095" Nom.
Overall Cable Diameter	0.745" Nom.
Approximate Cable Weight	343.1 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	1.62 Ohms/1M' Nom.
Max Ampacity per Conductor (Per NEC Table 400-5a)	16 amps/cond (Assume five current carrying conductors) (Note: Because of 105C temperature rating, higher current can be used under engineering supervision)

Insulation Colors	Black White Red Green Orange Blue
Jacket Color	Black (Other colors available for minimum order - consult factory)

Legend (White Surface Ink Print - MSHA in indent)  CCI SEOPRENE 105 12 AWG (3.30mm²) 6/C SEOW
E54864 (UL) 600V -50C TO 105C CSA LL39753 STOW(TPE) -
50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA

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 _____ Date Signed _____

Customer Approval _____

Specification Issue Date: June 16, 2006