



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 23288  
**DESCRIPTION:** 12/2 STRANDED TYPE SJEW FLEXIBLE POWER CABLE  
**CONSTRUCTION:** This cable consists of two 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:** 300V Portable Water Resistant Submersible Outdoor Flexible Power Cable

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## Construction Parameters:

Conductor	12 AWG Bare Copper
Stranding	65/30
Insulation Material	TPE
Insulation Thickness	0.031" Nom.
Insulated Conductor Diameter	0.154" Nom.
Number of Conductors	2
Lay Length	2.50" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	TPE
Jacket Thickness	0.051" Nom.
Overall Cable Diameter	0.410" Nom.
Approximate Cable Weight	106.4 Lbs/1M' Nom.
Flame Rating	UL/CSA Horizontal Flame Test

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## Electrical Properties:

Temperature Rating	-40°C to 90°C
Operating Voltage	300 V RMS Max.
DC Resistance per Conductor @ 20°C	1.62 Ohms/1M' Nom.
Max Ampacity per Conductor (Per NEC Table 400-5a)	25 amps/cond (Assume two current carrying conductors) (Note: Because of 105C temperature rating, higher current can be used under engineering supervision)

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Insulation Colors	Black White
Jacket Color	Black (Other colors available for minimum quantity - consult factory)
Legend (White Surface Ink Print - MSHA in indent)	CCI SEOPRENE 90 12 AWG (3.31mm <sup>2</sup> ) 2/C SJEW E54864 (UL) 300V 90C CSA LL39753 SJTW(TPE) -50C TO 60C 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: March 25, 2011