



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 23425  
**DESCRIPTION:** 18/4 STRANDED TYPE SJEOOW 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:** 300V Portable Submersible Oil Resistant Outdoor Flexible Power Cable

## Construction Parameters:

Conductor 18 AWG Bare Copper  
Stranding 16/30  
Insulation Material TPE  
Insulation Thickness 0.031" Nom.  
Insulated Conductor Diameter 0.108" Nom.  
Number of Conductors 4  
Lay Length 2.00" Nom.  
Filler Type Polypropylene  
Separator/Wrap Paper Tissue  
Jacket Material TPE  
Jacket Thickness 0.034" Nom.  
Overall Cable Diameter 0.330" Nom.  
Approximate Cable Weight 65.8 Lbs/1M' Nom.  
Flame Rating UL/CSA Horizontal Flame Test

## Electrical Properties:

Temperature Rating -50°C to 105°C  
Operating Voltage 300 V RMS Max.  
DC Resistance per Conductor @ 20°C 6.49 Ohms/1M' Nom.  
Max Ampacity per Conductor (Per NEC Table 400-5a) 7 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 - consult factory)

Legend  CCI SEOPRENE 105 18 AWG (.82mm<sup>2</sup>) 4/C SJEOOW E54864 (UL) 300V - 50C TO 105C CSA LL39753 SJTOOW(TPE) -50C TO 105C FT2 WATER RESISTANT  
(White Surface Ink Print - P-241-3-MSHA in 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 \_\_\_\_\_ Date Signed \_\_\_\_\_

Customer Approval \_\_\_\_\_

Specification Issue Date: May 22, 2006