



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 23325
DESCRIPTION: 18/3 STRANDED TYPE SJEOOW FLEXIBLE POWER CABLE
CONSTRUCTION: This cable consists of three 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 Oil Resistant Submersible 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 3
Lay Length 1.75" Nom.
Filler Type Polypropylene
Separator/Wrap Paper Tissue
Jacket Material TPE
Jacket Thickness 0.038" Nom.
Overall Cable Diameter 0.310" Nom.
Approximate Cable Weight 55.9 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) 10 amps/cond (Assume two current carrying conductors)
(Note: Because of 105C temperature rating, higher current can be used under engineering supervision)

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

Legend  CCI SEOPRENE 105 18 AWG (.82mm²) 3/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