



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 23388
DESCRIPTION: 12/3 STRANDED TYPE SJEW 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 Water Resistant Submersible Outdoor Flexible Power Cable

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 3
Lay Length 3.00" Nom.
Filler Type Polypropylene
Separator/Wrap Paper Tissue
Jacket Material TPE
Jacket Thickness 0.049" Nom.
Overall Cable Diameter 0.430" Nom.
Approximate Cable Weight 130.1 Lbs/1M' Nom.
Flame Rating UL/CSA Horizontal Flame Test

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)

Insulation Colors Black White Green
Jacket Color Black (Other colors available for minimum quantity - consult factory)
Legend (White Surface Ink Print - MSHA in indent) CCI SEOPRENE 90 12 AWG (3.31mm²) 3/C SJEW E54864 (UL) 300V -50C TO 90C -- CSA LL39753 SJTW(TPE) 300V -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: September 22, 2010