



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 22225
DESCRIPTION: 18/2 STRANDED TYPE SEOWW SUBMERSIBLE 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: 600V Portable Oil and Water Resistant Outdoor Flexible Power Cable

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	16/30
Insulation Material	105C TPE
Insulation Thickness	0.031" Nom.
Insulated Conductor Diameter	0.108" Nom.
Number of Conductors	2
Lay Length	1.50" Nom.
Filler Type	Polypropylene
Separator/Wrap	Paper Tissue
Jacket Material	105C TPE
Jacket Thickness	0.065" Nom.
Overall Cable Diameter	0.345" Nom.
Approximate Cable Weight	60.5 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	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
Jacket Color	Black (Other colors available for minimum order)
Legend	 CCI SEOPRENE 105 18 AWG (.82mm ²) 2/C SEOWW E54864 (UL) 600V -50C TO 105C CSA LL39753 STOWW(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: March 22, 2007