



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 42374  
**DESCRIPTION:** 1/0-3 W/GND THW FLAT PUMP CABLE  
**CONSTRUCTION:** This cable consists of three bare copper insulated conductors and a ground laid parallel with an overall jacket.  
**APPROVALS:** UL Standard 83, Type THW  
**APPLICATION:** Underwater Pumps and Similar Applications

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## Construction Parameters:

Conductor	1/0 AWG Bare Copper
Stranding	19/.0745"
Insulation Material	PVC
Insulation Thickness	0.082" Nom.
Insulated Conductor Diameter	0.524" Nom.
Number of Conductors	3
Ground Wire	6 AWG 19 Strand PVC Insulated
Lay Length	Parallel
Separator	Microdust
Jacket Material	PVC
Jacket Thickness	0.045" Nom.
Overall Cable Diameter	0.614" x 1.972" Nom.
Approximate Cable Weight	1551.0 Lbs/1M' Nom.

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## Electrical Properties:

Temperature Rating	-20°C to 75°C Dry and Wet
Operating Voltage	600 V RMS Max.
DC Resistance per 1/0 AWG Conductor @ 20°C	0.10 Ohms/1M' Nom.

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Insulation Colors	1/0 AWG: Black Yellow Red    6 AWG: Green
Jacket Color	Black

Legend (Surface Ink Print)	CCI E101736 * 1/0 AWG (53.49mm <sup>2</sup> ) 3/C & 6 AWG (13.30mm <sup>2</sup> ) GND (UL) 600 VOLTS TYPE THW INS. SUBMERSIBLE PUMP CABLE
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This product complies with European Directive 2011/65/EU (RoHS)-2

The customer will accept all factory lengths and +/- 10 percent of total order requested.

The jacket is sequentially footprinted from 2 to the footage designated by the put-up code.

Material is not returnable and purchase order is non-cancelable after production has been started or special materials have been ordered.

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