



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 42340  
**DESCRIPTION:** 8-3 W/GND THW FLAT BONDED PUMP CABLE  
**CONSTRUCTION:** This cable consists of three bare copper insulated conductors and a ground laid parallel and bonded together.  
**APPROVALS:** UL Standard 83, Type THW  
**APPLICATION:** Underwater Pumps and Similar Applications

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## Construction Parameters:

Conductor	8 AWG Bare Copper
Stranding	19/.0295
Insulation Material	PVC
Insulation Thickness	0.065" Nom.
Insulated Conductor Diameter	0.272" Nom.
Number of Conductors	3
Ground Wire	10 AWG 19 Strand PVC Insulated
Lay Length	Parallel
Approximate Cable Weight	288.0 Lbs/1M' Nom.

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## Electrical Properties:

Temperature Rating	-20°C to 75°C
Operating Voltage	600 V RMS Max.
Capacitance Between Conductors @ 1 KHz	39 pF/ft Nom.
DC Resistance per 8 AWG Conductor @ 20°C	0.63 Ohms/1M' Nom.

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Insulation Colors	8 AWG: Black Yellow Red    10 AWG: Green
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Legend (Surface Ink Print on Black Conductor)	CCI E101736 * 8 AWG (8.37mm <sup>2</sup> ) 3/C & 10 AWG (5.26mm <sup>2</sup> ) GND (UL) 600 VOLTS TYPE THW INS. SUBMERSIBLE PUMP CABLE
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This product complies with European Directive 2002/95/EC (RoHS)

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.

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