



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 42370
DESCRIPTION: 8-3 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

Construction Parameters:

Conductor	8 AWG Bare Copper
Stranding	19/.0295
Insulation Material	PVC
Insulation Thickness	0.050" Nom.
Insulated Conductor Diameter	0.242" Nom.
Number of Conductors	3
Ground Wire	10 AWG 19 Strand PVC Insulated
Lay Length	Parallel
Separator	Microdust
Jacket Material	PVC
Jacket Thickness	0.030" Nom.
Overall Cable Diameter	0.302" x .962" Nom.
Approximate Cable Weight	385.0 Lbs/1M' Nom.

Electrical Properties:

Temperature Rating	-20°C to 75°C Dry and Wet
Operating Voltage	600 V RMS Max.
DC Resistance per 8 AWG Conductor @ 20°C	0.63 Ohms/1M' Nom.

Insulation Colors	8 AWG: Black Yellow Red	10 AWG: Green
Jacket Color	Black	

Legend (Surface Ink Print)	CCI E101736 * 8 AWG (8.37mm ²) 3/C & 10 AWG (5.26mm ²) 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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