



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 42320
DESCRIPTION: 8/3 THW FLAT PUMP CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors laid parallel with an overall jacket.
APPROVALS: UL Standard 83, Type THW Submersible Pump Cable
APPLICATION: Underwater pumps and similar applications.

Construction Parameters:

Conductor	8 AWG Bare Copper
Stranding	19/.0295"
Insulation Material	PVC
Insulation Thickness	0.061" Nom.
Insulated Conductor Diameter	0.264" Nom.
Number of Conductors	3
Lay Length	Parallel
Jacket Material	PVC
Jacket Thickness	0.047" Nom.
Overall Cable Dimensions	0.365 x 0.903" Nom.
Approximate Cable Weight	306.0 Lbs/1M' Nom.

Electrical Properties:

Temperature Rating	-20°C to 75°C Dry and Wet
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	0.626 Ohms/1M' Nom.

Insulation Colors	Black Yellow Red
Jacket Color	Black

Legend (Surface Ink Print)	CCI E101736 * 8 AWG (8.37mm ²) (UL) 600 VOLTS TYPE THW INS. SUBMERSIBLE PUMP CABLE
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This product complies with European Directive 2011/65/EU (RoHS-2)

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

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Specification Issue Date: April 1, 2013