



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 42318  
DESCRIPTION: 12/3 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.

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## Construction Parameters:

Conductor	12 AWG Bare Copper
Stranding	19/.0185"
Insulation Material	PVC
Insulation Thickness	0.049" Nom.
Insulated Conductor Diameter	0.187" Nom.
Number of Conductors	3
Lay Length	Parallel
Jacket Material	PVC
Jacket Thickness	0.047" Nom.
Overall Cable Dimensions	0.281" x 0.655" Nom.
Approximate Cable Weight	138.0 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 Conductor @ 20°C	1.576 Ohms/1M' Nom.

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Insulation Colors	Black Yellow Red
Jacket Color	Black

Legend (Surface Ink Print)	COLEMAN CABLE E101736 * 12 AWG (3.31mm <sup>2</sup> ) (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