



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 42341
DESCRIPTION: 6-3 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

Construction Parameters:

Conductor	6 AWG Bare Copper
Stranding	19/.0372
Insulation Material	PVC
Insulation Thickness	0.062" Nom.
Insulated Conductor Diameter	0.310" Nom.
Number of Conductors	3
Ground Wire	8 AWG 19 Strand PVC Insulated
Lay Length	Parallel
Approximate Cable Weight	433.0 Lbs/1M' Nom.

Electrical Properties:

Temperature Rating	-20°C to 75°C
Operating Voltage	600 V RMS Max.
Capacitance Between Conductors @ 1 KHz	45 pF/ft Nom.
DC Resistance per 6 AWG Conductor @ 20°C	0.40 Ohms/1M' Nom.

Insulation Colors	6 AWG: Black Yellow Red 8 AWG: Green
Legend (Surface Ink Print on Black Conductor)	CCI E101736 * 6 AWG (13.30mm ²) 3/C & 8 AWG (8.37mm ²) GND (UL) 600 VOLTS TYPE THW INS. SUBMERSIBLE PUMP CABLE

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.

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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