



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

PART NUMBER: 42240
DESCRIPTION: 8-2 W/GND THW FLAT BONDED PUMP CABLE
CONSTRUCTION: This cable consists of two 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	8 AWG Bare Copper
Stranding	19/.0295
Insulation Material	PVC
Insulation Thickness	0.065" Nom.
Insulated Conductor Diameter	0.272" Nom.
Number of Conductors	2
Ground Wire	10 AWG 19 Strand PVC Insulated
Lay Length	Parallel
Approximate Cable Weight	207.0 Lbs/1M' Nom.

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.

Insulation Colors	8 AWG: Black Red 10 AWG: Green
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Legend (Surface Ink Print on Black Conductor)	CCI E101736 * 8 AWG (8.37mm ²) 2/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 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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