



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 42307
DESCRIPTION: 14/3 SOL TWISTED THW PUMP CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors twisted without an overall jacket.
APPROVALS: UL Standard 83 Submersible Pump Cable
APPLICATION: Underwater pumps and similar applications.

Construction Parameters:

Conductor	14 AWG Bare Copper
Stranding	Solid
Insulation Material	PVC
Insulation Thickness	0.032" Nom.
Insulated Conductor Diameter	0.128" Nom.
Number of Conductors	3
Lay Length	7.00" Nom.
Overall Cable Diameter	0.276" Nom.
Approximate Cable Weight	69.0 Lbs/1M' Nom.

Electrical Properties:

Temperature Rating	-50°C to 90°C Dry and 75°C Wet
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	2.535 Ohms/1M' Nom.

Insulation Colors	Black Red Yellow
Jacket Color	NA

Legend (Surface Ink Print each Conductor)	CCI E101736 * 14 AWG (2.08mm ²) (UL) 600 VOLTS TYPE THW INS. SUBMERSIBLE PUMP CABLE
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This product complies with European Directive 2002/95/EC (RoHS)

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