



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

PART NUMBER: 42260
DESCRIPTION: 8/2 STR W/GND TWISTED PUMP CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors twisted without an overall jacket.
APPROVALS: UL Standard 83 (Ins. Walls), Overall Cable UL Listed Special Purpose Wires Submersible Pump Cable
APPLICATION: Underwater pumps and similar applications.

Construction Parameters:

Conductor	Bare Copper	10 AWG(Ground)	8 AWG (Power)
Stranding		Solid	19 Strand
Insulation Material		TPE	TPE
Insulation Thickness		0.032" Nom.	0.050" Nom.
Insulated Conductor Diameter		0.176" Nom.	0.242" Nom.
Number of Conductors		1	2
Lay Length		14.0" Nom.	
Overall Cable Diameter		0.475" Nom.	
Approximate Cable Weight		202 Lbs/1000' Nom.	

Electrical Properties:

Temperature Rating	-50°C to 90°C Dry and 75°C Wet
Operating Voltage	600 V RMS Max.
DC Resistance per 8 AWG Conductor @ 20°C	0.626 Ohms/1M' Nom.

Insulation Colors	8 AWG - Black Red 10AWG - Green
Jacket Color	NA

Legend (Surface Ink Print each Conductor)	CCI E54868 8 AWG (8.37mm ²) (UL) 600V PUMP CABLE 90C DRY 75C WET (10 AWG ground printed similar)
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This product complies with European Directive 2011/65/EU (RoHS-2)

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