



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 42470
DESCRIPTION: 8/3 W/GND THW ROUND PUMP/TC DIRECT BURIAL CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors and a ground cabled with an overall jacket.
APPROVALS: UL Standards 83 and 1277, Type THW Submersible Pump Cable or Power and Control Tray Cable
APPLICATION: Underwater Pumps, Underground Power and Control, and Similar Applications

Construction Parameters:

Conductor	8 AWG Bare Copper
Stranding	19/.0295"
Insulation Material	PVC
Insulation Thickness	0.062" Nom.
Insulated Conductor Diameter	0.266" Nom.
Ground Wire	10 AWG 19 Strand PVC Insulated
Number of Conductors plus Ground	4
Lay Length	7.00" Nom.
Separator	Microdust
Jacket Material	PVC
Jacket Thickness	0.062" Nom.
Overall Cable Diameter	0.754" Nom.
Approximate Cable Weight	365.0 Lbs/1M' Nom.

Electrical Properties:

Temperature Rating	-20°C to 75°C Dry and Wet
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	0.63 Ohms/1M' Nom.

Insulation Colors	8 AWG: Black Yellow Red 10 AWG Ground: Green
Jacket Color	Black

Legend (Surface Ink Print) CCI E79496 8 AWG (8.37mm²) 3/C W/10GA (5.26mm²) GND (UL) 600V TYPE THW INS. SUBMERSIBLE PUMP CABLE OR TYPE TC 75C DRY & WET DIR BUR SUN RES

This product complies with European Directive 2002/95/EC (RoHS)

The customer will accept all factory lengths and +/- 10 percent of total order requested.

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Customer Name _____

Customer Approval _____

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