



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 42457
DESCRIPTION: 6/3 THW ROUND PUMP/TC DIRECT BURIAL CABLE
CONSTRUCTION: This cable consists of three bare copper insulated conductors 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	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
Lay Length	6.50" Nom.
Separator	Microdust
Jacket Material	PVC
Jacket Thickness	0.062" Nom.
Overall Cable Diameter	0.793" Nom.
Approximate Cable Weight	355.9 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	0.40 Ohms/1M' Nom.

Insulation Colors	Black Yellow Red
Jacket Color	Black

Legend (Surface Ink Print) CCI E79496 6 AWG (13.30mm²) 3/C (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 _____

Specification Issue Date: June 6, 2007