



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

**PART NUMBER:** 42469  
**DESCRIPTION:** 10/3 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	10 AWG Bare Copper
Stranding	19/.0234"
Insulation Material	PVC
Insulation Thickness	0.046" Nom.
Insulated Conductor Diameter	0.203" Nom.
Ground Wire	10 AWG 19 Strand PVC Insulated
Number of Conductors plus Ground	4
Lay Length	6.50" Nom.
Separator	Microdust
Jacket Material	PVC
Jacket Thickness	0.062" Nom.
Overall Cable Diameter	#N/A
Approximate Cable Weight	#N/A

---

## Electrical Properties:

Temperature Rating	-20°C to 75°C Dry and Wet
Operating Voltage	600 V RMS Max.
DC Resistance per Conductor @ 20°C	0.99 Ohms/1M' Nom.

---

Insulation Colors	Black Yellow Red Green
Jacket Color	Black

Legend (Surface Ink Print)	CCI E79496 10 AWG (5.26mm <sup>2</sup> ) 3/C W/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.

The information presented here is, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Customer Name \_\_\_\_\_

Customer Approval \_\_\_\_\_

Specification Issue Date: June 6, 2007