



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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PART NUMBER: 42259  
DESCRIPTION: 10/2 SOL 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.

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## Construction Parameters:

|                              |                    |
|------------------------------|--------------------|
| Conductor                    | 10 AWG Bare Copper |
| Stranding                    | Solid              |
| Insulation Material          | TPE                |
| Insulation Thickness         | 0.032" Nom.        |
| Insulated Conductor Diameter | 0.166" Nom.        |
| Number of Conductors         | 3                  |
| Lay Length                   | 7.00" Nom.         |
| Overall Cable Diameter       | 0.358" Nom.        |
| Approximate Cable Weight     | 138.0 Lbs/1M' Nom. |

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## 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 | 1.000 Ohms/1M' Nom.            |

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|                   |                 |
|-------------------|-----------------|
| Insulation Colors | Black Red Green |
| Jacket Color      | NA              |

|                                           |                                                                               |
|-------------------------------------------|-------------------------------------------------------------------------------|
| Legend (Surface Ink Print each Conductor) | CCI E54868 10 AWG (5.26mm <sup>2</sup> ) (UL) 600V PUMP CABLE 90C DRY 75C WET |
|-------------------------------------------|-------------------------------------------------------------------------------|

This product complies with European Directive 2011/65/EU (RoHS-2)

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