



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 54502  
**DESCRIPTION:** 12 AWG SOLID UF/TWU CABLE  
**CONSTRUCTION:** This cable consists of one bare copper insulated conductor.  
**APPROVALS:** UL Standard 493, CSA 22.2 No.75  
**APPLICATION:** Underground Feeder Cable for Direct Burial Applications

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## Construction Parameters:

|                              |                    |
|------------------------------|--------------------|
| Conductor                    | 12 AWG Bare Copper |
| Stranding                    | Solid              |
| Insulation Material          | PVC                |
| Insulation Thickness         | 0.061" Nom.        |
| Insulated Conductor Diameter | 0.203" Nom.        |
| Number of Conductors         | 1                  |

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## Electrical & Electrical Properties:

|                                    |                    |
|------------------------------------|--------------------|
| Temperature Rating                 | -20°C to 60°C      |
| Operating Voltage                  | 600 V RMS Max.     |
| DC Resistance per Conductor @ 20°C | 1.59 Ohms/1M' Nom. |

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Insulation Colors Various

Legend (Surface Ink Print) BARON WIRE E61390 12 AWG (3.31mm<sup>2</sup>) (UL) TYPE UF 600V -- C(UL) TWU 60C FT1 yyddd

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

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.  
The jacket is sequentially footmarked.

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

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