



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

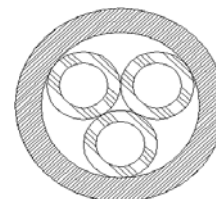
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**PART NUMBER:** 54703  
**DESCRIPTION:** 18/3 SOLID UNDERGROUND SPRINKLER SYSTEM WIRE  
**CONSTRUCTION:** This cable consists of three bare copper insulated conductors with an overall jacket.  
**APPROVALS:** Underwriters Laboratory - Underground Golf Course Sprinkler System Cable  
**APPLICATION:** Underground Sprinkler Systems

## Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Polypropylene
Insulation Thickness	0.016" Nom.
Insulated Conductor Diameter	0.072" Nom.
Number of Conductors	3
Lay Length	Parallel
Jacket Material	PE
Jacket Thickness	0.026" Nom.
Overall Cable Diameter	0.208" Nom.
Approximate Cable Weight	26.7 Lbs/1M' Nom.
Flame Rating	VW-1 or FT1 Verticle Flame Test

## Cable Cross-Section



## Electrical & Enviromental Properties:

Temperature Rating	-20°C to 60°C
Operating Voltage	30 Volts RMS Max.
Capacitance Between Conductors @ 1 KHz	16 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	-----
DC Resistance per Conductor @ 20°C	6.32 Ohms/1M' Nom.

Insulation Colors	Red White Green
Jacket Color	Black (Other colors available for minimum order)

Legend (Surface Ink Print)	BARON WIRE E54868 18 AWG BAROGATION 30V SPRINKLER SYSTEMS WIRE (UL) DIRECT BURIAL yyddd
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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.

Cable has a rip cord for easy jacket removal. The jacket is sequentially footmarked.

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

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

Specification Issue Date: July 27, 2007