



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

PART NUMBER: 54713
DESCRIPTION: 18/13 SOLID UNDERGROUND SPRINKLER SYSTEM WIRE
CONSTRUCTION: This cable consists of thirteen 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	13
Lay Length	Parallel
Jacket Material	PE
Jacket Thickness	0.026" Nom.
Overall Cable Diameter	0.370" Nom.
Approximate Cable Weight	94.6 Lbs/1M' Nom.
Flame Rating	VW-1 or FT1 Verticle Flame Test

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 Blue Yellow Brown Orange Black Pink Gray Tan Purple
Jacket Color	Clear 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

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 _____

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