



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

Baron Wire 30V PE/PE Underground Low-Energy Circuit Cable

Construction Parameters:

CONDUCTOR: 18 AWG Solid Bare Copper

INSULATION: Polyethylene (PE)

COLOR CODE CHART:

1	Red	6	Brown	11	Tan	16	Blue/White	21	Pink/White
2	White	7	Orange	12	Purple	17	Yellow/White	22	Gray/White
3	Green	8	Black	13	Natural	18	Brown/White	23	Tan/White
4	Blue	9	Pink	14	Red/White	19	Orange/White	24	Purple/White
5	Yellow	10	Gray	15	Green/White	20	Black/White	25	Natural/White

JACKET: Black Polyethylene (PE)

PRINT LEGEND: BARON WIRE E323897 18/2 UNDERGROUND LOW-ENERGY CIRCUIT CABLE 75C 30VAC (UL) ---
 DIRECT BURIAL -- XX/XX/XX (MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE) SEQ FTG JULIAN DATE

PHYSICAL PROPERTIES:

TEMPERATURE RANGE: -20°C to 75°C

SUNLIGHT RESISTANT: Yes

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 30V rms, Max

Industry Approvals:

- o UL SUBJECT 1493 Underground Low-Energy Circuit Cable
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method
- o Suitable For Direct Burial Applications

Part Number	Gauge	No. Cond.	Stranding	Insulation Wall, Nom.		Jacket Wall, Nom.		O.D., Nom.		Net Weight	
				Inches	mm	Inches	mm	Inches	mm	Lb./kft.	kg/km
54702	18	2	Solid	0.016	0.41	0.026	0.66	0.174	4.42	19	28
54703	18	3	Solid	0.016	0.41	0.026	0.66	0.184	4.67	29	43
54704	18	4	Solid	0.016	0.41	0.026	0.66	0.200	5.08	35	52
54705	18	5	Solid	0.016	0.41	0.026	0.66	0.217	5.51	41	61
54706	18	6	Solid	0.016	0.41	0.026	0.66	0.235	5.97	47	70
54707	18	7	Solid	0.016	0.41	0.026	0.66	0.235	5.97	53	79
54708	18	8	Solid	0.016	0.41	0.026	0.66	0.254	6.45	60	89
54709	18	9	Solid	0.016	0.41	0.026	0.66	0.273	6.93	67	100
54710	18	10	Solid	0.016	0.41	0.026	0.66	0.296	7.52	74	110
54712	18	12	Solid	0.016	0.41	0.026	0.66	0.305	7.75	87	129
54713	18	13	Solid	0.016	0.41	0.026	0.66	0.322	8.18	94	140
54716	18	16	Solid	0.016	0.41	0.026	0.66	0.339	8.61	115	171
54719	18	19	Solid	0.016	0.41	0.026	0.66	0.357	9.07	134	199
54725	18	25	Solid	0.016	0.41	0.032	0.81	0.430	10.92	179	266

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

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

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, true and accurate. Since conditions of use are beyond Southwire's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Southwire or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Southwire disclaims all liability in connection with the use of information contained herein or otherwise.

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

Customer Company Name: _____ Date: _____

Customer Approval: _____ Customer Title: _____

Specification Issue Date: February 5, 2014