



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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Royal[®] 600V SOOW

Construction Parameters:

CONDUCTOR: 18 AWG Class K stranded bare copper per ASTM B-174
INSULATION: EPDM
ASSEMBLY: Cabled without fillers
JACKET: CPE
COLOR: Black (Other colors available upon request)
PRINT LEGEND: SOUTHWIRE[®] ROYAL[®] (5 CROWN LOGO) CORD 2/C 18 AWG (0.82mm²) SOOW E54864 (UL) 600V -40C TO 90C -- CSA LL39753 SOOW 600V -40C TO 90C FT2 WATER RESISTANT

IDENT LEGEND: P-07-KA070018-1-MSHA

PHYSICAL PROPERTIES:

TEMPERATURE RANGE: -40°C to 90°C
WATER RESISTANT: Yes

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 600V rms, Max

Industry Approvals:

- o UL Standard 62
- o NEC Article 501.140 Class I Div. 2
- o NEC Article 400
- o CSA C22.2 No. 49
- o Passes CSA FT2 Flame Test
- o MSHA
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

Part Number	AWG	No. Cond.	Stranding	Insulation Wall, Nom.		O.D., Nom.		Net Weight		Amps*	Nom. DCR Ω/1M'	Nom. Lay Length in.	Color Code
				Inches	mm	Inches	mm	Lb./kft.	kg/km				
TBD	18	2	16/30	0.030	0.76	0.346	8.79	67	100	10	6.59	1.50	Black, White

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.
 * Ampacity based on NEC Table 400.5(A) and CEC Table 12.

This product complies with European Directive 2002/95/EC (RoHS)
 The customer will accept all factory lengths and +/- 10 percent of total order requested.
 The jacket is sequentially footprinted from 2 to the footage designated by the put-up code.

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