



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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Royal® 600V SOOW

Construction Parameters:

CONDUCTOR: 14 AWG Class K stranded bare copper per ASTM B-174
INSULATION: EPDM
JACKET: CPE
COLOR: Black (Other colors available upon request)
PRINT LEGEND: SOUTHWIRE® ROYAL® (5 CROWN LOGO) CORD X/C 14 AWG (2.08mm²) 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 RANG -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	No.		Insulation Wall, Nom.		O.D., Nom.		Net Weight		Amps*	Nom. DCR Ω/1M'	Nom. Lay Length in.	Color Code	
	AWG	Cond.	Stranding	Inches	mm	Inches	mm	Lb./kft.					kg/km
57158602	14	3	41/30	0.045	1.14	0.525	13.34	169	251	18	2.55	2.75	Black, White, Green
58503602	14	4	41/30	0.045	1.14	0.570	14.48	201	299	15	2.55	3.25	Black, White, Red, Green

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 2011/65/EU (RoHS-2)
 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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