



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
 Waukegan, IL 60085
 Toll-Free (800) 323-9355
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Royal[®] 600V SOOW

Construction Parameters:

CONDUCTOR: 16 AWG Class K stranded bare copper per ASTM B-174
INSULATION: EPDM
COLOR CODE: 3/C: Black, Red, Blue
 6/C: Black, Red, Blue, Orange, Yellow, Brown
 9/C: Black, Red, Blue, Orange, Yellow, Brown, Red/Black, Blue/Black, Orange/Black
 12/C: Black, Red, Blue, Orange, Yellow, Brown, Red/Black, Blue/Black, Orange/Black, Yellow/Black, Brown/Black, Black/Red

JACKET: CPE
COLOR: Black (Other colors available upon request)
PRINT LEGEND: CCI ROYAL X/C XX AWG (X.XX mm²) SOOW E54864 (UL) 600V -40C TO 90C --
 CSA LL39753 SOOW 600V -40C TO 90C FT2 WATER RESISTANT 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 CSA Standard C22.2 No. 49
- o NEC Article 501.140 Class I Div. 2
- o NEC Article 400
- o Federal Spec JC580
- 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. AWG	No. Cond.	Stranding	Insulation Wall, Nom.		O.D., Nom.		Net Weight		Amps*	Nom. DCR Ω/1M'
				Inches	mm	Inches	mm	Lb./kft.	kg/km		
TBD	16	3	26/30	0.030	0.76	0.39	9.91	95	141	13	4.05
830660	16	6	26/30	0.030	0.76	0.527	13.39	171	254	8	4.05
TBD	16	9	26/30	0.030	0.76	0.602	15.29	210	313	7	4.05
831602	16	12	26/30	0.030	0.76	0.696	17.68	299	445	5	4.05

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.

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Customer Company Name: _____ Date: _____

Customer Approval: _____ Customer Title: _____

Specification Issue Date: July 9, 2012