



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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Royal® CSA TYPE RW90 2KV, UL TYPE RHH/RHW-2 2KV, TYPE DLO 2KV

Construction Parameters:

CONDUCTOR: 8 AWG - 777.7 kcmil stranded tin copper

INSULATION: EPR
INSULATION COLOR: Black

JACKET: CPE
JACKET COLOR: Black

PRINT LEGENDS:

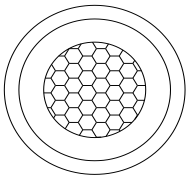
8 AWG - 1 AWG: CCI ROYAL XX AWG (XX.Xmm²) DLO 90C 2000V -- E137925 (UL) RHH/RHW-2 90C 2000V SUN RES VW-1 -40C PRI PRIL - - 156016 CSA RW90 90C DRY 90C WET 2000V PRI SR -40C FT1 FT4/IEEE 1202

1/0 AWG - 777 KCMIL: CCI ROYAL XX AWG (XX.Xmm²) DLO 90C 2000V -- E137925 (UL) RHH/RHW-2 90C 2000V SUN RES VW-1 -40C PRI PRIL "FOR CT USE" - - 156016 CSA RW90 TC-ER 90C DRY 90C WET 2000V PRI SR -40C FT1 FT4/IEEE 1202

INDENT PRINT: P-07-KA100013-MSHA
(all sizes)

PHYSICAL PROPERTIES:
TEMPERATURE RANGE: -40°C to 90°C Dry, 90°C Wet

ELECTRICAL PROPERTIES:
VOLTAGE RATING: 2000V rms, Max



Industry Approvals:

- o ASTM B-33
- o AAR RP-585
- o UL 44 Type RHH/RHW-2, 2000V, Sunlight Resistant, FOR CT USE (1/0 AWG and larger), PRI, PRIL, -40C
- o CSA RW90, TC-ER (1/0 AWG and larger), 2000V, PRI, -40C
- o Flame Tests: UL VW-1, CSA FT1 & FT4, IEEE 1202
- o MSHA (Indent Printed)
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

Part Number	AWG, kcmil	No. Cond.	Stranding	Insulation Wall, Nom.		Jacket Wall, Nom.		O.D., Nom.		Net Weight		Amps*	Nom. DCR Ω/1M'
				Inches	mm	Inches	mm	Inches	mm	Lb./kft.	kg/km		
167914	8	1	37/0.0211	0.070	1.78	0.030	0.76	0.358	9.09	102	152	80	0.630
167915	6	1	61/24	0.070	1.78	0.030	0.76	0.396	10.06	140	208	105	0.423
167917	4	1	105/24	0.070	1.78	0.030	0.76	0.448	11.38	199	296	140	0.246
167918	3	1	133/24	0.070	1.78	0.030	0.76	0.490	12.45	240	357	165	0.210
167919	2	1	161/24	0.070	1.78	0.045	1.14	0.540	13.72	290	432	190	0.160
167920	1	1	210/24	0.090	2.29	0.045	1.14	0.604	15.34	394	586	220	0.123
167921	1/0	1	266/24	0.090	2.29	0.045	1.14	0.667	16.94	475	707	260	0.097
167922	2/0	1	342/24	0.090	2.29	0.045	1.14	0.690	17.53	568	845	300	0.075
167923	3/0	1	418/24	0.090	2.29	0.045	1.14	0.732	18.59	718	1068	350	0.617
167924	4/0	1	532/24	0.085	2.16	0.050	1.27	0.800	20.32	753	1121	405	0.048
167926	262	1	646/24	0.105	2.67	0.065	1.65	0.958	24.33	1104	1643	467	0.040
167927	313	1	779/24	0.105	2.67	0.065	1.65	1.005	25.53	1282	1908	518	0.033
167929	373	1	931/24	0.105	2.67	0.065	1.65	1.075	27.31	1500	2232	588	0.028
167930	444	1	1102/24	0.105	2.67	0.065	1.65	1.142	29.01	1750	2604	649	0.023
167931	535	1	1330/24	0.125	3.18	0.065	1.65	1.240	31.50	2058	3063	725	0.019
167932	646	1	1591/24	0.125	3.18	0.065	1.65	1.294	32.87	2515	3743	814	0.020
167933	777	1	1924/24	0.125	3.18	0.065	1.65	1.382	35.10	3050	4539	900	0.010

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

** Ampacity values based on NEC Table 310.15(B)(17) & CEC Table 12A (8 AWG thru 4/0) 90 °C. Larger sizes based on single conductor in free air, 30 °C ambient and 90 °C conductor temperature.*

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.

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Customer Company Name: _____ Date: _____

Customer Approval: _____ Customer Title: _____

Specification Issue Date: April 10, 2013