



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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Royal[®] Type G Conductors

Construction Parameters:

CONDUCTOR: 8 AWG - 500 MCM stranded bare copper
INSULATION: EPDM
COLOR CODE: Conductors: Black, White, Red, Orange
Grounds: Green
JACKET: CPE
COLOR: Black (Other colors available upon request)
INDENT LEGEND: CCI ROYAL XX AWG (X.XX mm²) X/C TYPE G PORTABLE POWER CABLE E172226 (UL)
2000V 90C DRY 90C WET SUN RES -- 156016 CSA TYPE G 2000V -40C FT1 FT5 P-07-KA110009-MSHA

PHYSICAL PROPERTIES:

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

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 2000V rms, Max

Industry Approvals:

- o UL Subject 1650
- o NEC Article 400
- o CSA C22.2 No. 96
- o ICEA S-75-381 / NEMA WC 58
- o Passes CSA FT1, FT5 Horizontal Flame Tests
- o MSHA
- o EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge AWG, MCM	No. Cond.	Stranding	Insulation Wall, Nom.		Green Ground	O.D., Nom.		Net Weight		Amps*		Nom. DCR Ω/1M'
				Inches	mm		Inches	mm	Lb./kft.	kg/km	NEC	CEC	
830360	8	4	133/29	0.060	1.52	4 #12	0.971	24.66	687	1023	52	59	0.65
830361	6	4	259/30	0.060	1.52	4 #12	1.070	27.18	863	1284	69	79	0.42
830362	4	4	259/28	0.060	1.52	4 #10	1.222	31.04	1204	1792	91	102	0.26
830364	2	4	259/26	0.060	1.52	4 #9	1.450	36.83	1791	2665	122	134	0.17
830365	1	4	259/25	0.080	2.03	4 #8	1.605	40.77	2106	3134	142	157	0.13
830366	1/0	4	259/24	0.080	2.03	4 #7	1.720	43.69	2586	3849	164	182	0.11
830367	2/0	4	342/24	0.080	2.03	4 #6	1.872	47.55	3190	4748	190	211	0.08
830368	3/0	4	418/24	0.080	2.03	4 #5	1.985	50.42	3713	5525	219	243	0.07
830369	4/0	4	532/24	0.080	2.03	4 #4	2.177	55.30	4615	6867	253	280	0.05
830370	250	4	627/24	0.095	2.41	4 #2	2.560	65.02	6141	9139	281	308	0.04
830371	350	4	888/24	0.095	2.41	4 #1/0	2.865	72.77	8433	12549	346	368	0.03
830372	500	4	1295/24	0.095	2.41	4 #2/0	3.285	83.44	11467	17065	428	434	0.02

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

* Ampacity based on NEC Table 400.5(B) and CEC Table 12A for 4 current carrying conductors.

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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