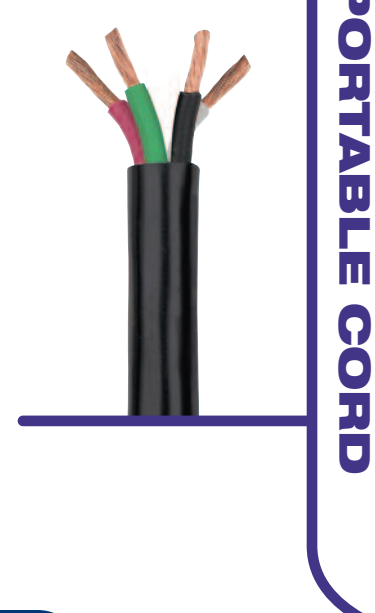


# Royal® Type W - Multi Conductors

-40°C to 90°C, 2000V, UL/CSA

- CONDUCTORS:**
- 1/0 AWG to 500 MCM fully annealed stranded bare copper
  - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL X AWG (XXMM<sup>2</sup>) X/C TYPE W PORTABLE POWER CABLE E172226 (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE W -40C FT-5 MSHA
- FEATURES:**
- Superior abrasion, ozone, sunlight, chemical and oil resistance, and water provides excellent cable life in the harshest environments
  - -40°C to 90°C Dry / 90°C Wet/Submersible Rated
  - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
  - Portable power generation equipment
  - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL
  - NEC Article 400
  - MSHA
  - c(UL)
  - RoHS



Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
830226	1/0	2	266/24	0.080	2.03	1.500	38.10	1402	2086	234
830246	1/0	3	266/24	0.080	2.03	1.620	41.15	1894	2818	234
830256	1/0	4	266/24	0.080	2.03	1.775	45.09	2405	3579	205
830286	1/0	5	266/24	0.080	2.03	1.935	49.15	2910	4331	164
830227	2/0	2	342/24	0.080	2.03	1.620	41.15	1681	2502	271
830247	2/0	3	342/24	0.080	2.03	1.735	44.07	2301	3424	271
830257	2/0	4	342/24	0.080	2.03	1.935	49.15	2901	4318	237
830287	2/0	5	342/24	0.080	2.03	2.050	52.07	3418	5087	189
830228	3/0	2	418/24	0.080	2.03	1.735	44.07	1930	2873	313
830248	3/0	3	418/24	0.080	2.03	1.895	48.13	2685	3996	313
830258	3/0	4	418/24	0.080	2.03	2.050	52.07	3369	5014	274
830288	3/0	5	418/24	0.080	2.03	2.250	57.15	4142	6163	219
830229	4/0	2	532/24	0.080	2.03	1.895	48.13	2386	3551	361
830249	4/0	3	532/24	0.080	2.03	2.015	51.18	3185	4740	361
830259	4/0	4	532/24	0.080	2.03	2.250	57.15	4166	6199	316
830289	4/0	5	532/24	0.080	2.03	2.445	62.10	5061	7531	252
830270	250 MCM	3	627/24	0.095	2.41	2.238	56.85	3830	5700	402
830271	250 MCM	4	627/24	0.095	2.41	2.645	67.18	5357	7972	321
830272	350 MCM	3	888/24	0.095	2.41	2.680	68.07	5700	8482	495
830273	350 MCM	4	888/24	0.095	2.41	2.960	75.18	7269	10817	396
830274	500 MCM	3	1295/24	0.095	2.41	3.035	77.09	7724	11494	613
830275	500 MCM	4	1295/24	0.095	2.41	3.390	86.11	10053	14959	490

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

\* Ampacity based on NEC Table 400.5(B)  
See page 47 for Ordering and Color Code information.



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# Royal® Type W - Single Conductor

-40°C to 90°C, 2000V, RHH/RHW

PORTABLE CORD



- CONDUCTORS:** • 8 AWG to 500 MCM fully annealed stranded bare copper  
• Stranding per ASTM B 174
- INSULATION:** • Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:** • Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG (XXMM<sup>2</sup>) TYPE W PORTABLE POWER CABLE E# (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE W -40C FT-5 MSHA
- FEATURES:** • -40°C to 90°C Dry / 90°C Wet/Submersible Rated  
• Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments  
• Meets or exceeds all MSHA and UL flame specifications  
• 1/0 and larger is rated for CT use
- APPLICATIONS:** • Oil drilling platforms, shipyards, and marinas  
• Portable power generation equipment  
• Mining and mineral processing facilities
- OPTIONS:** • Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:** • UL • CSA  
• NEC Article 400 • RoHS  
• MSHA

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*	
			in.	mm.	in.	mm.	lbs./mft	kg/km	1	2
830200	8	133/29	0.060	1.52	0.449	11.40	135	240	55	80
830201	6	259/30	0.060	1.52	0.522	13.26	190	335	75	105
830202	4	259/28	0.060	1.52	0.575	14.61	257	438	95	140
830204	2	259/26	0.060	1.52	0.665	16.89	364	542	130	190
830205	1	259/25	0.080	2.03	0.742	18.85	510	758	150	220
830206	1/0	266/24	0.080	2.03	0.788	20.02	542	894	170	260
830207	2/0	342/24	0.080	2.03	0.825	20.96	616	1065	195	300
830208	3/0	418/24	0.080	2.03	0.897	22.78	775	1340	225	350
830209	4/0	532/24	0.080	2.03	0.935	23.75	942	1619	260	405
830210	250 MCM	627/24	0.095	2.41	1.008	25.60	1083	1835	290	455
830212	350 MCM	855/24	0.095	2.41	1.155	29.34	1486	2416	350	570
830214	500 MCM	1235/24	0.095	2.41	1.315	33.40	2043	3207	430	700

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

\*Ampacity 1 based on NEC Table 310.16 for not more than three current carrying conductors in a raceway, based on 30°C ambient air temperature.

\*Ampacity 2 based on NEC Table 310.17 for single conductor in free air assuming 30°C ambient air temperature.

See page 47 for Ordering and Color Code information.



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# Royal® Type G

-40°C to 90°C, 2000V, Wet/Dry Rated, with Ground

- CONDUCTORS:**
- 8 AWG to 500 MCM fully annealed stranded bare copper
  - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL XX AWG (XXMM<sup>2</sup>) X/C TYPE G PORTABLE POWER CABLE E172226 (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE G -40C FT-5 MSHA
- FEATURES:**
- -40°C to 90°C Dry / 90°C Wet/Submersible Rated
  - Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
  - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
  - Portable power generation equipment
  - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL
  - NEC Article 400
  - MSHA
  - CSA
  - RoHS



PORTABLE CORD

Part Number	Gauge	No. Cond.	Stranding	Green Ground Gauge	Insulation Thickness		Nominal OD		Weight		Amps*
					in.	mm.	in.	mm.	lbs./mft	kg/km	
830360	8	4	133/29	4 #12	0.060	1.52	1.000	25.40	741	1103	52
830361	6	4	259/30	4 #12	0.060	1.52	1.108	28.14	938	1800	69
830362	4	4	259/28	4 #10	0.060	1.52	1.265	32.13	1318	1912	91
830364	2	4	259/26	4 #9	0.060	1.52	1.500	38.10	1869	2798	122
830365	1	4	259/24	4 #8	0.080	2.03	1.660	42.16	1660	2470	142
830366	1/0	4	266/24	4 #7	0.080	2.03	1.775	45.09	1775	2641	164
830367	2/0	4	342/24	4 #6	0.080	2.03	1.935	49.15	1935	2879	190
830368	3/0	4	418/24	4 #5	0.080	2.03	2.050	52.07	2050	3051	219
830369	4/0	4	532/24	4 #4	0.080	2.03	2.250	57.15	2250	3348	253
830370	250 MCM	4	627/24	4 #3	0.095	2.41	2.645	67.18	6073	9037	281
830371	350 MCM	4	888/24	4 #2	0.095	2.41	2.960	75.18	8212	12221	346
830372	500 MCM	4	1295/24	4 #1/0	0.095	2.41	3.390	86.11	11588	17243	428

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

\*Ampacity based on NEC Table 400.5(B)  
See page 47 for Ordering and Color Code information.



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# Royal® Type G-GC

-40°C to 90°C, 2000V, Wet/Dry Rated, with Ground/Ground Check

PORTABLE CORD



- CONDUCTORS:**
- 8 AWG to 500 MCM fully annealed stranded bare copper
  - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL XX AWG (XXMM<sup>2</sup>) X/C TYPE G-GC PORTABLE POWER CABLE E172226 (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE G-GC -40C FT-5 MSHA
- FEATURES:**
- -40°C to 90°C Dry / 90°C Wet/Submersible Rated
  - Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
  - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
  - Portable power generation equipment
  - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL
  - NEC Article 400
  - MSHA
  - CSA
  - RoHS

Part Number	Gauge	No. Cond.	Stranding	Green Ground Gauge	Yellow Ground Check Gauge	Insulation Thickness		Nominal OD		Weight		Amps*
						in.	mm.	in.	mm.	lbs./mft	kg/km	
830330	8	3	133/29	2 #10	10	0.060	1.52	0.925	23.50	635	944	65
830331	6	3	259/30	2 #10	10	0.060	1.52	1.006	26.01	763	1164	87
830332	4	3	259/28	2 #8	10	0.060	1.52	1.145	29.16	1056	1595	114
830334	2	3	259/26	2 #7	10	0.060	1.52	1.345	33.38	1484	2177	152
830335	1	3	259/24	2 #6	8	0.080	2.03	1.500	38.10	1834	2729	177
830336	1/0	3	266/24	2 #5	8	0.080	2.03	1.620	41.15	2185	3252	205
830337	2/0	3	342/24	2 #4	8	0.080	2.03	1.735	44.07	2592	3857	237
830338	3/0	3	418/24	2 #3	8	0.080	2.03	1.895	48.13	3109	4626	274
830339	4/0	3	532/24	2 #2	8	0.080	2.03	2.015	51.18	3692	5494	316
830340	250 MCM	3	627/24	2 #2	8	0.095	2.41	2.238	56.85	4304	6405	352
830341	350 MCM	3	888/24	2 #1/0	8	0.095	2.41	2.680	68.07	6435	9575	433
830342	500 MCM	3	1295/24	2 #2/0	8	0.095	2.41	3.035	77.09	8623	12832	526

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

\*Ampacity based on NEC Table 400.5(B)  
See page 47 for Ordering and Color Code information.



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