

2000V Type G - Conductors

2000 Volt 90°C DRY UL / CSA Industrial Grade Portable Cord, Water and Sun Resistant



Image not to scale. See Table 1 for Dimensions

CONSTRUCTION:

- 1. Conductors:** Conductors are manufactured in accordance with ASTM and B-172
- 2. Insulation:** EPDM
- 3. Jacket:** Black (Other colors available upon request)

APPLICATIONS AND FEATURES:

Type G cables are suitable for use in industrial and light- to medium-duty mining applications, heavy-duty service as power supply cable, power cable for mobile and portable electrical equipment at a continuous conductor temperature of 90°C. Type G cables may be used in marina (wet) applications. Type G cables are suitable for use on three-phase AC systems where 4 conductors are needed and grounding is required with excellent flexibility.

SPECIFICATIONS:

- UL Listed as Type G per UL 1650
- CSA Standard 22.2 No. 96
- NEC Article 400
- Passes CSA FT1, FT5 Horizontal lame Tests
- MSHA
- RoHS-2 (European Directive 2011/65/EU)

SAMPLE INDENTED LEGEND:

SOUTHWIRE® ROYAL® XX AWG (XXmm²) X/C CSA 156205 TYPE G-GC 2000V -40C FT1 FT5 P-07-KA110009-MSHA

PACKAGING

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.



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TABLE 1 - WEIGHTS & MEASUREMENTS

CCI Part Number	Cond. Size AWG	No. of Cond.	No. of Strands	Insulation Thickness (Inchs)	Insulation Thickness (mm)	Jacket Thickness (Inchs)	Jacket Thickness (mm)	Nominal OD (Inchs)	Nominal OD (mils)	Nominal Weight (Lbs/Mft)	Nominal Weight (kg/km)
833330	8	3	133/29	0.06	1.52	0.16	4.01	0.88	22.33	557.9	830
833331	6	3	259/30	0.06	1.52	0.16	3.99	0.95	24.23	675.6	1005
833332	4	3	259/28	0.06	1.52	0.17	4.32	1.11	28.14	923.2	1374
833334	2	3	259/26	0.06	1.52	0.21	5.33	1.30	33.02	1381.6	2056
833335	1	3	259/25	0.08	2.03	0.21	5.30	1.45	36.86	1639.2	2439
833336	1/0	3	259/24	0.08	2.03	0.22	5.70	1.57	39.78	2048.4	3048
833337	2/0	3	342/24	0.08	2.03	0.22	5.69	1.68	42.67	2462.8	3665
833338	3/0	3	418/24	0.08	2.03	0.25	6.31	1.83	46.58	2998.5	4462
833339	4/0	3	532/24	0.08	2.03	0.25	6.26	1.95	49.48	3571.6	5315
833340	250	3	627/24	0.10	2.41	0.25	6.22	2.14	54.36	4217.1	6276
833341	350	3	888/24	0.10	2.41	0.42	10.64	2.60	65.96	6078.7	9046
833342	500	3	1295/24	0.10	2.41	0.46	11.70	2.94	74.68	8250.4	12278

TABLE 2 - ELECTRICAL AND ENGINEERING DATA

CCI Part Number	Cond. Size AWG	No. of Cond.	† Amps NEC	† Amps CEC	Nom. DCR $\Omega/1M'$	Bare Ground Ground	Yellow Ground Check	Color Code
833330	8	3	65	65	0.653	2 #10	#10	Black, Blue, Red
833331	6	3	87	87	0.419	2 #10	#10	Black, Blue, Red
833332	4	3	114	114	0.263	2 #9	#10	Black, Blue, Red
833334	2	3	152	152	0.166	2 #7	#8	Black, Blue, Red
833335	1	3	177	177	0.133	2 #6	#8	Black, Blue, Red
833336	1/0	3	205	205	0.105	2 #5	#8	Black, Blue, Red
833337	2/0	3	237	237	0.0834	2 #4	#8	Black, Blue, Red
833338	3/0	3	274	274	0.0662	2 #3	#8	Black, Blue, Red
833339	4/0	3	316	316	0.0525	2 #2	#8	Black, Blue, Red
833340	250	3	352	352	0.0449	2 #1	#8	Black, Blue, Red
833341	350	3	433	433	0.032	2 #1/0	#8	Black, Blue, Red
833342	500	3	536	536	0.0224	2 #3/0	#8	Black, Blue, Red

All dimensions are nominal and subject to nominal manufacturing tolerances

† Ampacity: based on NEC Table 400.5(B) and CEC Table 12A for three current carrying conductors.