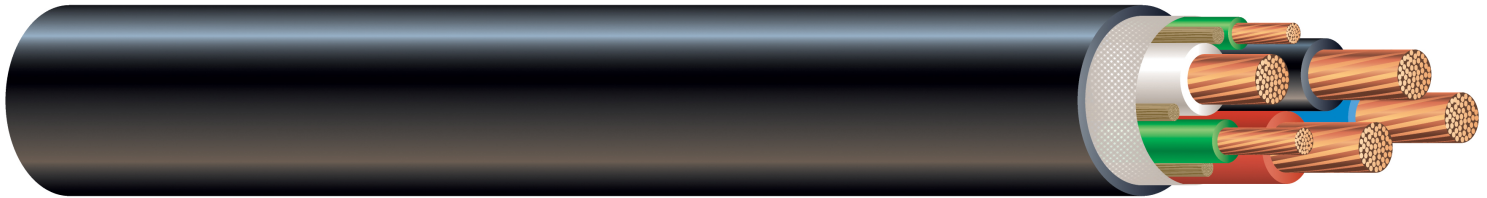


# TYPE G & G-GC

## Round Power Cable

2000 Volts. 90°C(-40°C). Sunlight and Oil Resistant.  
UL and c(UL) Listed, MSHA Approved, and RoHS Compliant.



### APPLICATIONS

Type G & G-GC 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 & G-GC cables may be used in marina (wet) applications. Type G & G-GC cables are suitable for use on three-phase AC systems where 3 or 4 conductors are needed and grounding is required.

Excellent flexibility, resistance to oils, solvents, ozone, aging, and abrasion.

### SPECIFICATIONS

- Rated 2000 volts, 90°C dry locations, 75°C wet locations
- Temperature -40°C to 90°C
- UL and c(UL) Listed
- MSHA approved
- Meets FT-5 Flame Test and UL 1650
- RoHS Compliant

### CONSTRUCTION

Southwire Type G & G-GC portable power cables are manufactured with rope-lay stranded, bunched members, annealed copper conductors which are insulated with a premium-grade EPDM. The insulated conductors are assembled round with non-wicking fillers and jacket reinforcements as needed. The cable is covered with a black CPE rubber jacket that has indented printing for easy identification.

### WEIGHTS, MEASUREMENTS AND PACKAGING

NUMBER OF COND.	AWG OR KCMIL	"COND." STRAND	"GROUND COND." AWG SIZE	GROUND CHECK AWG SIZE	NOMINAL INSULATION THICKNESS		NOMINAL OVERALL DIAMETER		CURRENT AMPS <sup>2</sup>	APPROX NET WEIGHT LBS/M <sup>3</sup>
					INCHES	mm	INCHES	mm		



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<sup>®</sup>Southwire is a registered trademark of Southwire Company.

# Type G & Type G-GC Round

3 CONDUCTOR - TYPE G-GC - 2000 VOLT										
3	8	71	2#10	10	0.060	1.52	1.000	25.40	65	665
3	6	65	2#10	10	0.060	1.52	1.055	26.80	87	830
3	4	105	2#8	8	0.060	1.52	1.175	29.89	114	1145
3	2	168	2#7	8	0.060	1.52	1.335	33.91	152	1485
3	1	210	2#6	8	0.080	2.03	1.485	37.72	177	2100
3	1/0	259	2#5	8	0.080	2.03	1.615	41.02	205	2550
3	2/0	259	2#4	8	0.080	2.03	1.690	42.93	237	3020
3	3/0	420	2#3	8	0.080	2.03	1.800	45.72	274	3660
3	4/0*	516	2#2	8	0.080	2.03	1.970	50.04	316	4410
3	250*	608	2#2	8	0.095	2.41	2.240	56.90	352	6060
3	350*	855	2#1/0	8	0.095	2.41	2.480	62.99	433	7400
3	500*	1235	2#2/0	8	0.095	2.41	2.880	73.15	536	10100

Multiconductor cables are UL and c(UL) unless marked. \*UL Listed only <sup>2</sup> Ampacities based on 90°C Conductor and



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# Type G & Type G-GC Round

30°C  
Ambient  
temperature  
per the  
National  
Electrical  
Code®

<sup>3</sup> Actual  
shipping  
weight  
may  
vary.

## WEIGHTS, MEASUREMENTS AND PACKAGING

NUMBER OF COND.	AWG OR KCMIL	"COND." STRAND	GROUND "COND." AWG SIZE	NOMINAL INSULATION THICKNESS		NOMINAL OVERALL DIAMETER		CURRENT AMPS <sup>2</sup>	APPROX. NET WEIGHT LBS/M <sup>3</sup>
				INCHES	mm	INCHES	mm		
<b>4 CONDUCTOR - TYPE G - 2000 VOLT</b>									
4	8	71	4#12	0.060	1.52	1.055	26.80	52	635
4	6	49	4#12	0.060	1.52	1.140	28.96	70	900
4	4	105	4#10	0.060	1.52	1.250	31.75	91	1280
4	2	168	4#9	0.060	1.52	1.465	37.21	122	2000
4	1	210	4#8	0.080	2.03	1.665	42.29	142	2660
4	1/0	259	4#7	0.080	2.03	1.765	44.83	164	3140
4	2/0	259	4#6	0.080	2.03	1.875	47.62	190	3780
4	3/0*	420	4#5	0.080	2.03	2.000	50.80	219	4500
4	4/0*	516	4#4	0.080	2.03	2.175	55.24	253	5520
4	250*	608	4#2	0.095	2.41	2.555	64.90	281	6020
4	350*	855	4#1/0	0.095	2.41	2.700	68.58	346	7198
4	500*	1235	4#1/0	0.095	2.41	3.260	82.80	429	10822



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# Type G & Type G-GC Round

Multiconductor cables are UL and c(UL) unless marked. \*UL Listed only <sup>2</sup> Ampacities based on 90°C Conductor and 30°C Ambient temperature per the 2011 National Electrical Code®

<sup>3</sup> Actual shipping weight may vary.

No. of Conductors	Color Sequence 120/208Y
3	Black, White, Red
4	Black, White, Red, Blue
Grounding Conductor	Green



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# Type G & Type G-GC Round

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