

Super Vu-Tron® Type G and Type G-GC Round

90°C (UL), 2000 Volt Portable Power Cable

Product Construction:

Conductor:

- 8 AWG through 500 kcmil fully annealed stranded bare copper

Insulation:

- Premium-grade, color-coded 90°C EPDM
- Color code: See chart below
- Insulated grounds and ground checks

Jacket:

- Super Vu-Tron® 90°C, black
- Temperature range: -40°C to +90°C

Jacket Marking:

- TYPE G-GC (4/0 AND SMALLER) – CAROL SUPER VU-TRON® SIZE (mm²) TYPE G-GC PORTABLE POWER CABLE (UL) 2000 V DRY 90°C WET 75°C SUN RES P-7K-123049-MSHA --- CSA TYPE G-GC (-40°C) 2 KV FT5 MADE IN USA
- TYPE G-GC (LARGER THAN 4/0) - (SIZE) TYPE G-GC CAROL SUPER VU-TRON® 90°C DRY AND WATER RESISTANT 75°C 2000 V SUN RES (UL) P-7K-123049 MSHA LR 27161 MADE IN USA
- TYPE G - CAROL SUPER VU-TRON® SIZE (mm²) TYPE G PORTABLE POWER CABLE (UL) 600/2000 V DRY 90°C WET 75°C SUN RES P-7K-123049 MSHA --- CSA TYPE G (-40°C) 2 KV FT5 MADE IN USA

Applications:

- Industrial and light- to medium-duty mining applications
- Heavy-duty service as power supply cable
- Mobile and portable electrical equipment
- 3- and 4-conductor—use on three-phase AC systems where grounding is required

Features:

- Excellent impact and abrasion resistance
- Withstand exposure to oil, acids, alkalies, heat, moisture and most chemicals
- Indent-printed for easy identification
- Rope lay stranding for maximum flex life
- Cable core bound for superior flexibility and toughness
- Non-wicking rubber fillers (G-GC)
- Canadian color code available upon request
- Sunlight-resistant

Industry Approvals:

- UL Type G, G-GC
- CSA
- MSHA Approved
- RoHS Compliant

Packaging:

- Lengths cut to order



3 CONDUCTOR – TYPE G-GC – 2000 VOLT

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/kcmil)	COND. STRAND	NOMINAL COND. O.D.		YELLOW GROUND CHECK AWG SIZE	GREEN GROUND COND. (3) AWG SIZE	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURR. AMPS ⁽¹⁾	APPROX. NET WT. LBS/M ⁽⁵⁾
				INCHES	mm			INCHES	mm	INCHES	mm		
82313	3	8	133	0.160	4.06	10	2#10	0.060	1.52	0.965	24.51	65	600
82623	3	6	259	0.198	5.03	10	2#10	0.060	1.52	1.020	25.91	87	770
82643	3	4	259	0.245	6.22	10	2#8	0.060	1.52	1.125	28.58	114	1005
82663	3	2	259	0.297	7.54	10	2#7	0.080	2.03	1.315	33.40	152	1480
82373	3	1	259	0.353	8.97	8	2#6	0.080	2.03	1.445	36.70	177	1815
82383	3	1/0	259	0.385	9.78	8	2#5	0.080	2.03	1.570	39.88	205	2205
82393	3	2/0	259	0.442	11.23	8	2#4	0.080	2.03	1.660	42.16	237	2545
82403	3	3/0	259	0.480	12.19	8	2#3	0.080	2.03	1.810	45.97	274	3230
82413	3	4/0	259	0.555	14.10	8	2#2	0.080	2.03	1.920	48.77	316	3675
82423 ^{(2)*}	3	250	627	0.615	15.62	8	2#2	0.095	2.41	2.390	60.71	352	6060
82443 ^{(2)*}	3	350	855	0.725	18.42	8	2#1/0	0.095	2.41	2.680	68.07	433	7400
82473 ^{(2)*}	3	500	1235	0.880	22.35	8	2#2/0	0.095	2.41	3.030	76.96	536	10100

4 CONDUCTOR – TYPE G – 600/2000 VOLT

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/kcmil)	COND. STRAND	NOMINAL COND. O.D.		GREEN COND. AWG SIZE	NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS ⁽¹⁾	APPROX. NET WT. LBS/M ⁽⁵⁾
				INCHES	mm		INCHES	mm	INCHES	mm		
82314	4	8	133	0.160	4.06	4#12	0.060	1.52	1.045	26.54	52	690
82624	4	6	259	0.198	5.03	4#12	0.060	1.52	1.125	28.58	70	880
82644	4	4	259	0.245	6.22	4#10	0.060	1.52	1.225	31.12	91	1160
82664	4	2	259	0.297	7.54	4#9	0.080	2.03	1.435	36.45	122	1720
82374 ^{(2)*}	4	1	259	0.353	8.97	4#8	0.080	2.03	1.595	40.51	142	2200
82384 ⁽²⁾	4	1/0	259	0.385	9.78	4#7	0.080	2.03	1.730	43.94	164	2705
82394 ⁽²⁾	4	2/0	259	0.442	11.23	4#6	0.080	2.03	1.855	47.12	190	3190
82404 ⁽²⁾	4	3/0	259	0.480	12.19	4#5	0.080	2.03	2.040	51.82	219	4005
82414 ⁽²⁾	4	4/0	259	0.555	14.10	4#4	0.080	2.03	2.145	54.48	253	4560

⁽¹⁾ Ampacities based on 90°C conductor and 30°C ambient temperature per Table 400.5(A)(2) of the National Electrical Code®.

⁽²⁾ UL Listed and c(UL) Certified.

⁽³⁾ Sizes 250, 350 and 500 kcmil have uninsulated grounds.

* Non-stock item; minimum quantity purchase required.

⁽⁵⁾ Actual shipping weight may vary.

COLOR CODE CHART

NO. OF CONDUCTORS	COLOR
3	Black, White, Red
4	Black, White, Red, Orange