

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) 2000V DRY 90°C WET 75°C SUN RES P-7K-123049 MSHA --- CSA TYPE G-GC (-40°C) FT-5 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 2000V 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) 600/2000V DRY 90°C WET 75°C SUN RES P-7K-123049 MSHA --- CSA TYPE G (-40°C) FT-5 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 (GGC)
- 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.	AWG OR kcmil	COND. STRAND	NOMINAL COND. O.D.		YELLOW GROUND CHECK AWG SIZE	GREEN GROUND COND. 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	0.167	4.24	10	2#10	0.060	1.52	0.965	24.51	65	609
82623	3	6	259	0.210	5.33	10	2#10	0.060	1.52	1.050	26.67	87	797
82643	3	4	259	0.245	6.22	10	2#8	0.060	1.52	1.145	29.08	114	984
82663	3	2	259	0.334	8.48	10	2#7	0.080	2.03	1.345	34.16	152	1465
82373 ⁽²⁾	3	1	259	0.375	9.53	8	2#6	0.080	2.03	1.465	37.21	177	1807
82383 ⁽²⁾	3	1/0	259	0.385	9.78	8	2#5	0.080	2.03	1.605	40.77	205	2405
82393 ⁽²⁾	3	2/0	259	0.475	12.07	8	2#4	0.080	2.03	1.715	43.56	237	2510
82403 ⁽²⁾	3	3/0	259	0.480	12.19	8	2#3	0.080	2.03	1.850	46.99	274	3773
82413 ⁽²⁾	3	4/0	259	0.570	14.48	8	2#2	0.080	2.03	1.980	50.29	316	3946
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	526	10100

4 CONDUCTOR – TYPE G – 600/2000 VOLT

CATALOG NUMBER	NO. OF COND.	AWG	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	0.167	4.24	4#12	0.060	1.52	1.045	26.54	52	705
82624	4	6	259	0.210	5.33	4#12	0.060	1.52	1.125	28.58	70	914
82644	4	4	259	0.245	6.22	4#10	0.060	1.52	1.210	30.73	91	1370
82664	4	2	259	0.334	8.48	4#9	0.080	2.03	1.435	36.45	122	1802
82374 ^{(2)*}	4	1	259	0.375	9.53	4#8	0.080	2.03	1.650	41.91	142	2479
82384 ⁽²⁾	4	1/0	259	0.385	9.78	4#7	0.080	2.03	1.720	43.69	164	3080
82394 ⁽²⁾	4	2/0	259	0.475	12.07	4#6	0.080	2.03	1.860	47.24	190	3119
82404 ⁽²⁾	4	3/0	259	0.480	12.19	4#5	0.080	2.03	2.075	52.71	219	4542
82414 ⁽²⁾	4	4/0	259	0.570	14.48	4#4	0.080	2.03	2.155	54.74	253	5078

⁽¹⁾ Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 400.5(B) of the National Electrical Code®.

⁽²⁾ UL Listed and c(UL) certified.

* 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

