

Anaconda® Brand Type G Power, Flat Parallel Portable w/Ground, EPR/CPE 2000 Volts 90°C, Two Conductor



Features:

- Flat construction provides maximum resistance to damage from crushing and runovers
- D-shaped insulation prevents conductors from shifting under the jacket
- Excellent physical toughness and heat stability
- Excellent heat, moisture, steam, oil, chemical, radiation and compression cut resistance
- Flexible for easy handling
- Resists cutting, impact, abrasion, flame and sunlight
- Excellent thermal stability and physical properties over a broad temperature range

Product Construction:

Conductor:

- 4 AWG thru 4/0 AWG coated annealed copper, bunched wires, rope-lay-stranded per ASTM B172

Insulation:

- Ethylene Propylene Rubber (EPR) insulation colored (black and white)

Grounding Conductor:

- Coated copper, rope-lay-stranded and shaped with a green elastomer covering designed to keep the grounding conductor in place in the flat assembly

Jacket:

- Extra-heavy-duty, lead-cured Chlorinated Polyethylene (CPE)

Jacket Marking:

- GENERAL CABLE® ANACONDA® BRAND (SIZE), 2/C FLAT TYPE G 2000 VOLTS P-102-109 MSHA

Options:

- Other jacket materials available upon request

Applications:

- Designed for use as trailing cables on DC mining equipment
- Designed for use where a grounding conductor is necessary

Compliances:

- ICEA S75-381 Portable and Power Feeder Cables for use in mines and similar applications
- Meets flame test requirements and is accepted for listing by MSHA
- Approved by the Pennsylvania Department of Environmental Protection

Packaging:

- Material cut to length and shipped on non-returnable reels

4 AWG THRU 4/0 AWG CONDUCTORS, TWO CONDUCTOR, FLAT PARALLEL PORTABLE W/GROUND, TYPE G - 2000 VOLTS

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	NOMINAL INSULATION THICKNESS		GRD. COND. SIZE (AWG)	NOMINAL CABLE DIMENSIONS		COPPER WEIGHT		NET WEIGHT		AMPACITY
				INCHES	mm		INCHES	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km	
13116.550400	2	4	259	0.060	1.5	7	0.61 x 1.15	15.5 x 29.2	326	485	635	945	127
13116.550300	2	3	259	0.060	1.5	6	0.68 x 1.26	17.3 x 32.0	412	613	785	1170	145
13102.830713	2	2	259	0.060	1.5	5	0.73 x 1.35	18.5 x 34.3	518	770	935	1390	167
13101.629210	2	1	259	0.080	2.0	4	0.81 x 1.55	20.6 x 39.4	655	975	1185	1760	191
13151.752132	2	1/0	259	0.080	2.0	3	0.93 x 1.67	23.6 x 42.4	843	1254	1470	2190	217
13114.755200	2	2/0	329	0.080	2.0	2	0.99 x 1.85	25.1 x 47.0	1045	1555	1790	2660	250
13116.755300	2	3/0	413	0.080	2.0	1	1.03 x 2.00	26.2 x 50.8	1309	1949	2145	3190	286
13116.755400	2	4/0	532	0.080	2.0	1/0	1.10 x 2.10	27.9 x 53.3	1698	2527	2545	3790	328

Stock items are available in long lengths for cutting to your specifications. All lengths are subject to a tolerance of +/-5%. Dimensions and weights shown are nominal; subject to standard industry tolerances. Actual shipping weight may vary. These ampacities are based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA S-75-381, NEMA WC-58. For ampacities per National Electrical Code® requirements, refer to the latest NEC edition.

