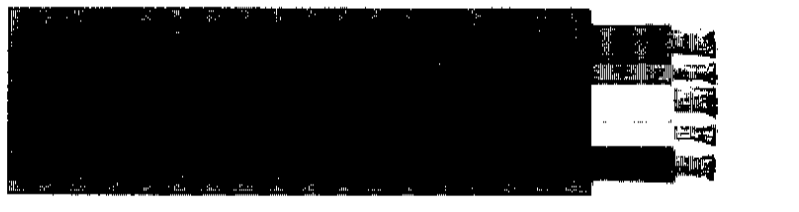


Anaconda® Brand Type G-GC Power, Flat Parallel Portable w/Ground-Check, EPR/CPE 2000 Volts, 90°C, Three Conductor



Product Construction

Conductor:

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

Insulation:

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

Ground-Check Conductor:

- Coated copper, rope-lay-stranded and shaped ground-check conductor is insulated with a yellow elastomer

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 (S17F)
- 3/C FLAT TYPE G-GC 2000 VOLTS P-102-109
- MSHA

Options:

- Colored jackets are available
- Anamaxx® jacket

Applications:

- Designed for use as trailing cables on AC mining equipment:
 - Where ground monitoring is accomplished with a ground-check conductor
 - Where induced voltages in the grounding system do not present a hazard

Features:

- Flat construction provides maximum resistance to damage from crushing and runovers
- Shaped insulation to prevent conductors from shifting under the jacket
- Excellent physical toughness and heat stability
- Excellent heat, moisture, steam, oil, chemical, radiation and compression cut resistance

Features (cont'd.):

- Flexible for easy handling
- Resists cutting, impact, abrasion and flame
- Excellent thermal stability and physical properties over a broad temperature range

Compliances:

- ICEA S-75-381 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

6 AWG THRU 4/0 AWG CONDUCTORS, THREE CONDUCTOR,
FLAT PARALLEL PORTABLE W/GROUND-CHECK, TYPE G-GC - 2000 VOLTS

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRANDS	NOMINAL INSULATION THICKNESS		GRD. COND. SIZE (AWG)	GRD-CHECK 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	
13162.650600	3	6	133	0.060	1.5	8	8	0.86 x 1.67	16.8 x 42.4	357	532	900	1340	79
13162.650400	3	4	259	0.060	1.5	7	8	0.72 x 1.87	18.3 x 47.5	507	755	1175	1750	104
13164.550300	3	3	259	0.060	1.5	6	6	0.78 x 2.08	19.8 x 52.8	660	982	1395	2080	120
13102.177012	3	2	259	0.060	1.5	5	6	0.85 x 2.23	21.6 x 56.6	807	1201	1625	2415	138
13164.550100	3	1	259	0.080	2.0	4	6	0.96 x 2.50	24.4 x 63.5	1000	1486	2090	3110	161
13164.555100	3	1/0	259	0.080	2.0	3	5	1.01 x 2.67	25.6 x 67.8	1268	1871	2470	3675	186
13164.755200	3	2/0	329	0.080	2.0	2	5	1.09 x 2.86	27.7 x 68.1	1567	2333	2940	4375	215
13164.755300	3	3/0	413	0.080	2.0	1	5	1.18 x 3.12	30.0 x 79.2	1939	2885	3515	5230	249
13164.755400	3	4/0	532	0.080	2.0	1/0	5	1.24 x 3.30	31.5 x 83.8	2485	3698	4245	6315	267

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 WC58.

For ampacities per National Electrical Code® requirements, refer to the latest NEC edition.