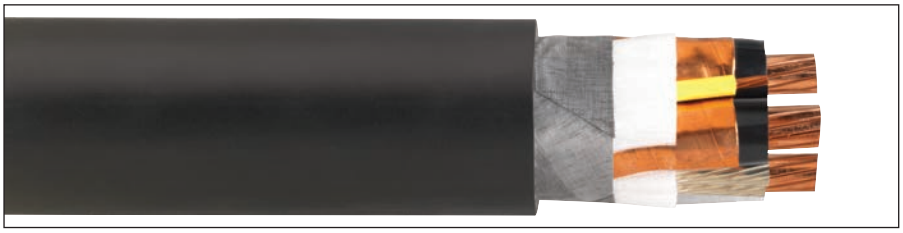
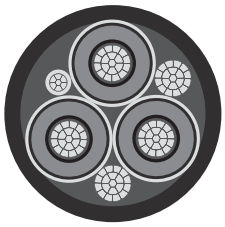
Anaconda® Brand Type MP-GC (Uniblend® EPR), Mine Power Feeder w/Ground-Check, EPR/CPE 25000 Volts, 90°C, Three Conductor





Product Construction

Conductor:
- 1 AWG thru 500 kcmil annealed bare copper, Compact Class B strand

Extruded Strand Shield (ESS):
- Extruded thermosetting semi-conducting stress control layer over conductor

Insulation:
- Ethylene Propylene Rubber (EPR) insulation colored for contrast with black conducting layers

Extruded Insulation Shield (EIS):
- Extruded thermosetting semi-conducting layer, free stripping from insulation with color-coded (black, white and red) marker strip placed under the copper tape

Insulation Shield:
- Overlapped annealed copper tape

Ground-Check Conductor:
- Annealed copper Class B strand, insulated with yellow polypropylene

Grounding Conductors:
- Two coated annealed copper conductors, Class B strand

Jacket:
- Lead-cured Chlorinated Polyethylene (CPE)

Jacket Marking:
- GENERAL CABLE® ANACONDA® BRAND (SIZE) 3/C TYPE MP-GC 25000 VOLTS P-07-KA110019-MSHA

Options:
- Colored jackets are available
- CSA compliance available upon request

Applications:
- Provides high-voltage distribution intended for permanent installations
- Designed for use:
  - In underground mining and bore holes
  - In aerial installations, ducts or direct burial

Features:
- Excellent heat, moisture, oil, corona, chemical and radiation resistance
- High dielectric strength
- Electrical stability under stress
- Low dielectric loss
- Triple extrusion forms a virtually perfect electrode, eliminating unequal electrical stresses
- Tough and reliable
- Highly resistant to tearing, punctures, abrasions, oil and flame

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
- Meets CAN/CSA C22.2 No. 96.1 Mine Power Feeder Cables

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

1 AWG THRU 500 KCMIL CONDUCTORS, THREE CONDUCTOR, MINE POWER FEEDER W/GROUND-CHECK, TYPE MP-GC (UNIBLEND® EPR) - 25000 VOLTS*

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/ kcmil)	COND. STRAND	NOMINAL INSULATION THICKNESS		GRD. COND. SIZE (AWG)	GRD-CHECK COND. SIZE (AWG)	NOMINAL JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT		AMPACITY
				INCHES	mm			INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/ km	LBS/ 1000 FT	kg/ km	
16367.910100	3	1	19	0.260	6.4	5	8	0.140	3.6	2.37	60.2	1261	1877	3435	5112	187
16367.915100	3	1/0	19	0.260	6.4	4	8	0.140	3.6	2.45	62.2	1528	2275	3815	5677	218
16367.915200	3	2/0	19	0.260	6.4	3	8	0.140	3.6	2.54	64.5	1866	2778	4290	6384	249
16367.915300	3	3/0	19	0.260	6.4	2	8	0.140	3.6	2.65	67.3	2290	3409	4875	7255	286
16367.915400	3	4/0	19	0.260	6.4	1	8	0.140	3.6	2.81	71.4	2825	4204	5665	8430	327
16367.916000	3	250	37	0.260	6.4	1/0	8	0.170	4.3	2.97	75.4	3339	4969	6495	9666	360
16367.916200	3	350	37	0.260	6.4	2/0	8	0.170	4.3	3.18	80.8	4326	6439	7970	11860	438
16367.916500	3	500	37	0.260	6.4	4/0	8	0.170	4.3	3.45	87.6	6411	9541	10300	15328	536

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.
*100% insulation level, grounded.

General Cable

MSHA Mine Safety and Health Administration

ANACONDA® BRAND