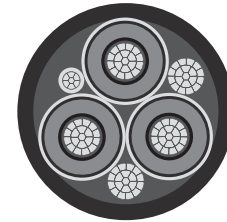
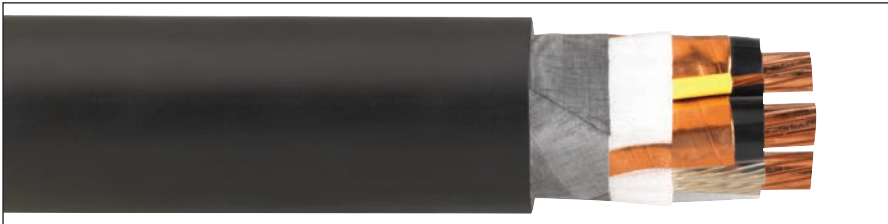


Anaconda® Brand Type MP-GC (Uniblend® EPR), Mine Power Feeder w/Ground-Check, EPR/CPE 8000 Volts, 90°C, Three Conductor



Product Construction

Conductor:

- 6 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 8000 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

6 AWG THRU 500 KCMIL CONDUCTORS, THREE CONDUCTOR, MINE POWER FEEDER W/GROUND-CHECK, TYPE MP-GC (UNIBLEND® EPR) - 8000 VOLTS*

CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG/ kcmil)	COND. STRAND	NOMINAL INSULATION THICKNESS		GRD. COND. SIZE (AWG)/ COND. STRAND	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		
16363.910600	3	6	7	0.115	2.9	10	7	8	0.110	2.8	1.41	35.8	478	712	1175	1749	93
16363.910400	3	4	7	0.115	2.9	8	7	8	0.110	2.8	1.52	38.6	674	1003	1455	2165	122
16363.910200	3	2	7	0.115	2.9	6	7	8	0.110	2.8	1.58	40.1	981	1459	1787	2659	159
16363.910100	3	1	19	0.115	2.9	5	7	8	0.110	2.8	1.66	42.2	1196	1780	2059	3064	184
16363.915100	3	1/0	19	0.115	2.9	4	7	8	0.110	2.8	1.74	44.2	1463	2177	2378	3539	211
16363.915200	3	2/0	19	0.115	2.9	3	7	8	0.140	3.6	1.90	48.3	1801	2681	2912	4334	243
16363.915300	3	3/0	19	0.115	2.9	2	7	8	0.140	3.6	2.00	50.8	2225	3311	3432	5107	279
16354.552364	3	4/0	19	0.115	2.9	1	19	8	0.140	3.6	2.12	53.8	2671	3975	4056	6035	321
16363.916000	3	250	37	0.115	2.9	1/0	19	8	0.140	3.6	2.22	56.4	2909	4330	4647	6915	355
16363.916200	3	350	37	0.115	2.9	2/0	19	8	0.140	3.6	2.43	61.7	4411	6565	5979	8898	435
16363.916500	3	500	37	0.115	2.9	4/0	19	8	0.140	3.6	2.70	68.6	6346	9443	8150	12129	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 weights 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.

