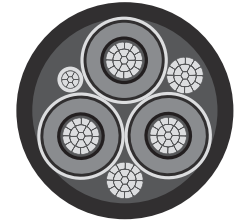
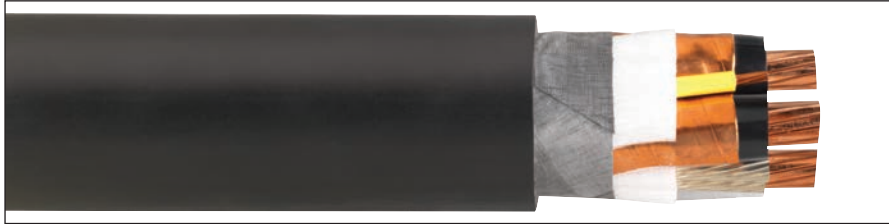


# Anaconda® Brand Type MP-GC (Uniblend® EPR), Mine Power Feeder w/Ground-Check, EPR/CPE 5000 Volts, 90°C, Three Conductor



## 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 5000 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) - 5000 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	COND. STRAND	INCHES		mm	INCHES	mm	LBS/ 1000 FT	kg/ km	LBS/ 1000 FT	kg/ km		
16361.910600	3	6	7	0.090	2.3	10	7	8	0.110	2.8	1.30	33.0	468	696	1060	1577	93
16361.910400	3	4	7	0.090	2.3	8	7	8	0.110	2.8	1.41	35.8	664	988	1325	1972	122
16361.910200	3	2	7	0.090	2.3	6	7	8	0.110	2.8	1.47	37.3	970	1444	1651	2457	159
16361.910100	3	1	19	0.090	2.3	5	7	8	0.110	2.8	1.54	39.1	1186	1764	1918	2854	184
16361.915100	3	1/0	19	0.090	2.3	4	7	8	0.110	2.8	1.63	41.4	1453	2162	2244	3339	211
16361.915200	3	2/0	19	0.090	2.3	3	7	8	0.110	2.8	1.72	43.7	1623	2415	2644	3935	243
16361.915300	3	3/0	19	0.090	2.3	2	7	8	0.140	3.6	1.89	48.0	2215	3296	3265	4859	279
16361.915400	3	4/0	19	0.090	2.3	1	19	8	0.140	3.6	2.01	51.0	2749	4091	3890	5789	321
16361.916000	3	250	37	0.090	2.3	1/0	19	8	0.140	3.6	2.10	53.3	3263	4857	4474	6658	355
16361.916200	3	350	37	0.090	2.3	2/0	19	8	0.140	3.6	2.31	58.7	4401	6549	5765	8579	435
16361.916500	3	500	37	0.090	2.3	4/0	19	8	0.140	3.6	2.59	65.8	6335	9428	7906	11765	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.

