



**CAROL
BRAND**

Mining Cables for Industrial & Specialty Applications



Reliability

Safety

Durability

Productivity



Anaconda® Brand

The Industry Standard for toughness, flexibility and extremely long life... Any other cable will cost you more.

The advantage of General Cable's decades of experience and expertise in mining cable technology continues to provide practical benefits over the entire life cycle of cable engineered specifically for mining applications. Better design and construction, utilizing industry standard materials and process technology, provides the most reliable performance over the life of the cable, resulting in the lowest cost per ton. Regardless of the application, General Cable can provide the best-performance, best-fit, best-cost solution for any mining application.

Every cable bearing the Anaconda® Brand must live up to its name—the most trusted brand in the industry... starting with flexible conductors with strict quality control throughout our integrated manufacturing process that extend conductor flex life and ensure superior performance, and finishing with CPE jackets that provide unsurpassed performance in the toughest applications.

General Cable mining cables are manufactured in accordance with the following industry standards:

- ICEA S75-381 Portable and Power Feeder Cables for Use in Mines and Similar Applications
- CAN/CSA-C22.2 No. 96 Portable Power Cables, and certified by Energy, Mines and Resources Canada
- CAN/CSA-C22.2 No. 96.1 Mine Power Feeder Cables
- Mine Safety and Health Administration flame test requirements and accepted for listing by MSHA

Portable and Trailing Cables

Anaconda® Brand Type W, G and G-GC — 2 kV Flat and Round



Used with permission of Joy Mining Machinery

Applications:

Flat – Non-shielded design in a flat configuration for applications where cables will see high degrees of flexing and twisting forces. Recommended for use as power cables for ac and dc mining equipment such as shuttle cars, roof bolters, drills, and loading machines.

Round – Non-shielded design in a round configuration. Suitable for use with mobile mining equipment such as drills, loading machines, ac shuttle cars and roof bolters.

Catalog Number	Description
13151.499461	1/0 AWG 2 Conductor 2kV Type W Flat
13152.844840	2/0 AWG 2 Conductor 2kV Type W Flat
13106.824571	6 AWG 4 Conductor 2kV Type W Flat
13104.785463	4 AWG 4 Conductor 2kV Type W Flat
13102.514941	2 AWG 4 Conductor 2kV Type W Flat
13101.629210	1 AWG 2 Conductor 2kV Type G Flat
13151.752132	1/0 AWG 2 Conductor 2kV Type G Flat
13162.650600	6 AWG 3 Conductor 2kV Type G-GC Flat
13162.650400	4 AWG 3 Conductor 2kV Type G-GC Flat
13102.177012	2 AWG 3 Conductor 2kV Type G-GC Flat
13304.440400	4 AWG 4 Conductor 2kV Type W Round
13302.440200	2 AWG 4 Conductor 2kV Type W Round
13306.644092	6 AWG 3 Conductor 2kV Type G-GC Round
13304.693196	4 AWG 3 Conductor 2kV Type G-GC Round
13302.772159	2 AWG 3 Conductor 2kV Type G-GC Round
13352.555382	2/0 AWG 3 Conductor 2kV Type G-GC Round
13354.774063	4/0 AWG 3 Conductor 2kV Type G-GC Round

All Anaconda® Brand mining cables are available with a full range of colored thermoset CPE jackets for ease of identification and enhanced visibility. In addition, all constructions are available with extra-durable Thermoplastic Urethane (TPU) jackets upon customer request. Available colors: black, red, blue, green, yellow, and orange, with other color options.

Portable and Trailing Cables

Anaconda® Brand Type SHD-GC — 2 kV, 5 kV and 8 kV



Used with permission of Joy Mining Machinery

Applications:

2 kV – Braid shielded, extra-heavy-duty portable power cables designed for applications such as longwall shearers, continuous miners, drills, and other mobile equipment.

5 kV – Extra-heavy-duty portable power cables designed for applications such as longwall shearers, continuous miners, drills and smaller shovels.

8 kV – Extra-heavy-duty high-voltage portable power cables used in heavy mobile equipment such as drag lines, shovels and for power feeders.

Other constructions and sizes of 2 kV, 5 kV and 8 kV SHD-GC, as well as a complete line of 15 kV to 35 kV SHD-GC constructions, are available on a made-to-order basis.

Catalog Number	Description
13306.240600	6 AWG 3 Conductor 2 kV Type SHD-GC
13306.240400	4 AWG 3 Conductor 2 kV Type SHD-GC
13302.253396	2 AWG 3 Conductor 2 kV Type SHD-GC
13351.179353	1/0 AWG 3 Conductor 2 kV Type SHD-GC
13352.658076	2/0 AWG 3 Conductor 2 kV Type SHD-GC
13354.490389	4/0 AWG 3 Conductor 2 kV Type SHD-GC
13362.315522	350 kcmil 3 Conductor 2 kV Type SHD-GC
13790.025200	2/0 AWG 3 Conductor 2 kV Type SHD Flat
16204.858221	4 AWG 3 Conductor 5 kV Type SHD-GC
16202.317964	2 AWG 3 Conductor 5 kV Type SHD-GC
16252.271926	2/0 AWG 3 Conductor 5 kV Type SHD-GC
16254.730315	4/0 AWG 3 Conductor 5 kV Type SHD-GC
16262.687414	350 kcmil 3 Conductor 5 kV Type SHD-GC
16265.570479	500 kcmil 3 Conductor 5 kV Type SHD-GC
16252.201837	2/0 AWG 3 Conductor 8 kV Type SHD-GC

Distribution Cables

Anaconda® Brand Type MP-GC Mine Power Feeder — 8 kV and 15 kV



Applications:

Provides high-voltage distribution intended for relatively stationary installations not subject to be relocated more than twice per year.

Catalog Number	Description
16354.552364	4/0 AWG 3 Conductor 8 kV Type MP-GC (EPR-CPE)
16354.396889	4/0 AWG 3 Conductor 15 kV Type MP-GC (EPR-CPE)
16362.279989	350 kcmil 3 Conductor 15 kV Type MP-GC (EPR-CPE)
37019.99.00	2/0 AWG 3 Conductor 8 kV Type MP-GC (XLPE-PVC)
37035.99.01	2/0 AWG 3 Conductor 15 kV Type MP-GC (XLPE-PVC)
37037.99.01	4/0 AWG 3 Conductor 15 kV Type MP-GC (XLPE-PVC)

All Anaconda® Brand mining cables are available with a full range of colored thermoset CPE jackets for ease of identification and enhanced visibility. In addition, all constructions are available with extra-durable Thermoplastic Urethane (TPU) jackets upon customer request. Available colors: black, red, blue, green, yellow, and orange, with other color options.



Carol® Brand Industrial Grade Cables...for maximum cost savings.

Designed to complement the Anaconda product line, the Carol® Brand of industrial-grade portable cables are engineered to provide cost-effective yet dependable performance over the life of the cable for all power and control cable applications where the cables will not encounter a high degree of flexing

and physical abuse. For these stationary, lower flex, or non-critical uses, the Carol® Brand industrial grade cables offer a viable, rugged, reliable option, along with significant cost savings.

Carol® Brand Type W and G-GC — 2 kV Round



Catalog Number	Description
81314.99.01	8 AWG 4 Conductor 2 kV Type W
81624.99.01	6 AWG 4 Conductor 2 kV Type W
81644.99.01	4 AWG 4 Conductor 2 kV Type W
81664.99.01	2 AWG 4 Conductor 2 kV Type W
81374.99.01	1 AWG 4 Conductor 2 kV Type W
81384.99.01	1/0 AWG 4 Conductor 2 kV Type W
81394.99.01	2/0 AWG 4 Conductor 2 kV Type W
81404.99.01	3/0 AWG 4 Conductor 2 kV Type W
81414.99.01	4/0 AWG 4 Conductor 2 kV Type W

Applications:

Light- to medium-duty mining applications as a portable power supply cable where cables will not be subject to continuous flexing.

Suitable for applications such as pumps, belt drives, belt take-ups, battery chargers, conveyors, and miscellaneous portable equipment.

Catalog Number	Description
82313.99.01	8 AWG 3 Conductor 2 kV Type G-GC
82623.99.01	6 AWG 3 Conductor 2 kV Type G-GC
82643.99.01	4 AWG 3 Conductor 2 kV Type G-GC
82663.99.01	2 AWG 3 Conductor 2 kV Type G-GC
82373.99.01	1 AWG 3 Conductor 2 kV Type G-GC
82383.99.01	1/0 AWG 3 Conductor 2 kV Type G-GC
82393.99.01	2/0 AWG 3 Conductor 2 kV Type G-GC
82403.99.01	3/0 AWG 3 Conductor 2 kV Type G-GC
82413.99.01	4/0 AWG 3 Conductor 2 kV Type G-GC
82423.99.01	250 kcmil 3 Conductor 2 kV Type G-GC
82443.99.01	350 kcmil 3 Conductor 2 kV Type G-GC
82473.99.01	500 kcmil 3 Conductor 2 kV Type G-GC

Carol® Brand Super Vu-Tron® Diesel Locomotive (DLO) — 2 kV



Catalog Number	Description
81910.99.01	10 AWG 1 Conductor 2 kV DLO
81908.99.01	8 AWG 1 Conductor 2 kV DLO
81906.99.01	6 AWG 1 Conductor 2 kV DLO
81904.99.01	4 AWG 1 Conductor 2 kV DLO
81902.99.01	2 AWG 1 Conductor 2 kV DLO
81901.99.01	1 AWG 1 Conductor 2 kV DLO
81911.99.01	1/0 AWG 1 Conductor 2 kV DLO
81920.99.01	2/0 AWG 1 Conductor 2 kV DLO
81930.99.01	3/0 AWG 1 Conductor 2 kV DLO

Applications:

Single conductor, flexible, portable power cables designed for diesel electric locomotives, motor leads, and mining and earth-moving equipment.

Catalog Number	Description
81940.99.01	4/0 AWG 1 Conductor 2 kV DLO
81926.99.01	262.6 kcmil 1 Conductor 2 kV DLO
81931.99.01	313.3 kcmil 1 Conductor 2 kV DLO
81937.99.01	373.7 kcmil 1 Conductor 2 kV DLO
81944.99.01	444.4 kcmil 1 Conductor 2 kV DLO
81953.99.01	535.3 kcmil 1 Conductor 2 kV DLO
81964.99.01	646.4 kcmil 1 Conductor 2 kV DLO
81977.99.01	777.7 kcmil 1 Conductor 2 kV DLO



4 Tessenner Drive, Highland Heights, Kentucky 41076-9753
 International Phone: +1.859.572.8000
 International Fax: +1.859.579.8058
www.generalcable.com



GENERAL CABLE, CAROL BRAND, ANACONDA and logos are trademarks of General Cable Technologies Corporation.
 ©2008. General Cable Technologies Corporation. Highland Heights, KY 41076
 All rights reserved.
 Printed in USA

Form No. INS-0098-0708
 34756