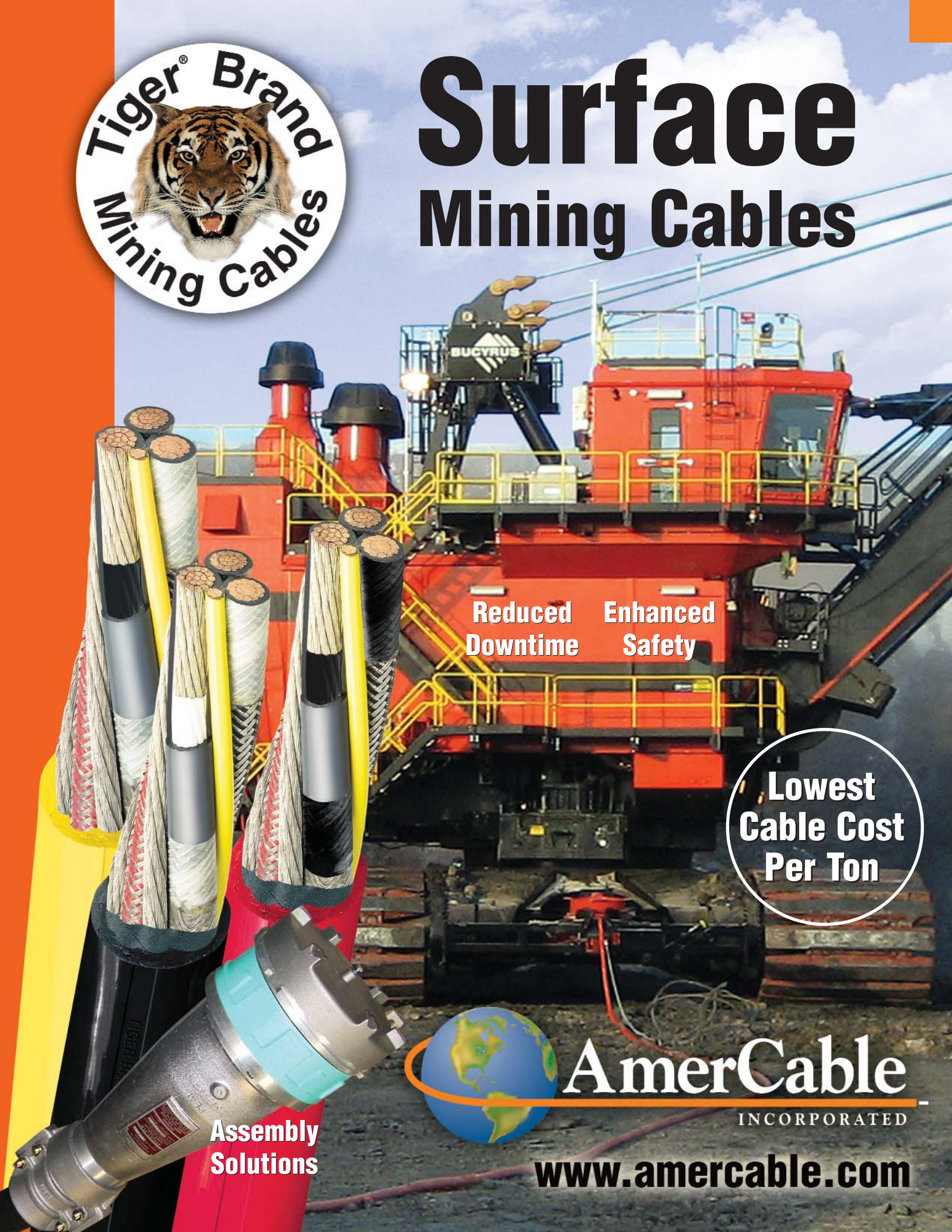
Tiger® Brand Mining Cables

Surface Mining Cables



Reduced Downtime

Enhanced Safety

Lowest Cable Cost Per Ton

Assembly Solutions

AmerCable INCORPORATED

www.amercable.com

Index

Made in America

Our Commitment to the Mining Industry

AmerCable INCORPORATED

Since the electrification of mines, our company's core business has been powering mine equipment.

Surface or underground – AmerCable has a cable productivity solution for you. Our innovatively engineered and manufactured **Tiger® Brand** cable line is designed for your toughest conditions. As a leading global producer of mining cables, AmerCable is dedicated to producing:

- cables that last longer in harsh mining environments
- cables designed to help provide greater levels of safety and productivity
- ***lowest cable cost per ton!***

Mining Cable Innovation

- Designing insulating and jacketing materials that are more flexible with greater resistance to abrasion and moisture
- Cable constructions that last longer providing reduced down time for increased production
- New product development that addresses environmental, safety and cost reduction issues specific to your mining application.

Operating Excellence

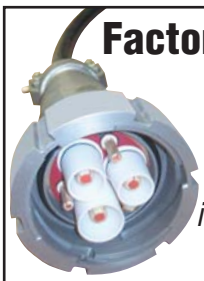
- On-time delivery backed by our industry leading shipment percentage of **98%+** average for the past 36 months
- Standard lead-time of 6 to 8 weeks
- Urgent response shipment capability of 2 to 4 weeks
- Strategically located inventories throughout the major mining regions.
- AmerCable is an ISO-9001 certified manufacturer

Hands-on Field Support

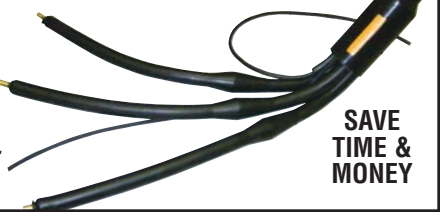
Our mine-experienced field application engineers are available 24/7 for on-site evaluation and solutions. They also conduct education and training sessions that address safety, splicing and cable handling issues.

See page 35 for more information.

Factory Installed Cable Assemblies



See pages 36-37 for more information.



SAVE TIME & MONEY

36-503

Type SHD-GC
Mold-cured CPE Jacket • 2000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[2]
Flexible tinned copper with yellow polypropylene insulation

Ground Wires
Flexible tinned copper

Insulation
90°C ethylene-propylene rubber (EPR)

Separator Tape

Jacket[3]
Reinforced mold-cured thermosetting Chlorinated Polyethylene (CPE) Jacket. Cable identification via permanent marking.

Tape
Non-conducting

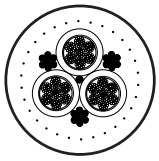
Insulation Shielding
Tinned copper and color coded nylon braid

Pure Integral Fill *for greater torsion resistance*

See Page 34 for jacket color options.

Also available with **Extra-Tough** Thermoplastic Polyurethane (TPU) jacket for extremely abrasive environments! *See next page.*

See Page 34 for Tiger Stripe options



Round-shaped cross-section

Application

Heavy duty portable power cable for use in circuits not exceeding 2,000 volts. Designed for applications such as longwall shearers, continuous miners, loaders, drills, conveyors, pumps and mobile equipment where grounding conductors, a ground check conductor and metallic shielding are required. Recommended maximum continuous conductor temperature is 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy Bucyrus

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Natural Resources Canada Certification No. 910.
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, BGC up to 2kV
- Canadian Standards Association
  File 82346, FT1, FT5
  CSA Phase Color ID available on MTO
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV

AmerCable INCORPORATED

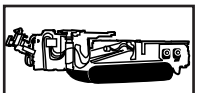
36-503 • Type SHD-GC 3/C • CPE Jacket • 2000 Volts

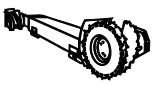
36-503-	Power Conductors			Grounding Conductors		Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [1] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils	Size AWG	No. of Wires per Conductor				
006	6	133	70	10	49	155	1.29	1160	93
004	4	259	70	8	133	155	1.40	1490	122
002	2	259	70	6	133	170	1.59	2000	159
001	1	259	80	5	133	190	1.76	2450	184
010	1/0	266	80	4	259	190	1.86	2840	211
020	2/0	323	80	3	259	205	2.00	3400	243
030	3/0	418	80	2	259	205	2.13	3680	279
040	4/0	532	80	1	259	220	2.31	4860	321
250	250	627	95	1/0	266	220	2.51	5950	355
350	350	888	95	2/0	323	235	2.81	7400	435
500	500	1221	95	4/0	532	265	3.19	10100	536

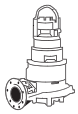
Primary Usage Recommendation


Blast Hole Driller


Continuous Miner


Roof Bolter


Longwall Miner


Pump

[1] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

[2] **Ground Check Conductor** – 10 AWG (minimum 49 strand 7x7) ground check conductor on 8 AWG through 2 AWG cable.

8 AWG (minimum 133 strand 7x19) ground check conductor on 1 AWG through 4/0 AWG cable.

6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

[3] **Jacket** – CPE jacket. Black CPE is standard. Colored CPE available upon request. See page 34 for color options.

Tolerances – ± 5% of nominal outside diameter

Photo courtesy P&H

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-502

Type SHD-GC
TPU Jacket • 2000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[2]
Flexible tinned copper with yellow polypropylene insulation

Ground Wires
Flexible tinned copper

Insulation
90°C ethylene-propylene rubber (EPR)

Separator Tape

Jacket[3]
Thermoplastic Polyurethane (TPU) Jacket.
Cable identification via permanent marking.

Tape
Non-conducting

Insulation Shielding
Tinned copper and color coded nylon braid

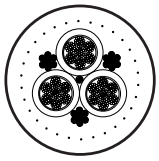
Fillers

Assembly
Taped core

Rubber Filler and Tape Core

See Page 34 for TPU jacket color options.

Also available with mold-cured thermosetting **Chlorinated Polyethylene (CPE)** jacket.
See previous page.



Round-shaped cross-section

Application

Heavy duty portable power cable for use in circuits not exceeding 2,000 volts. Designed for applications such as longwall shearers, continuous miners, loaders, drills, conveyors, pumps and mobile equipment where grounding conductors, a ground check conductor and metallic shielding are required. Recommended maximum continuous conductor temperature is 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Canadian Standards Association (pending) File 82346, FT1, FT5
  CSA Phase Color ID available on MTO Type SHD-GC, SHD-BGC up to 25kV

AmerCable INCORPORATED

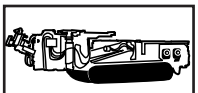
36-502 • Type SHD-GC 3/C • TPU Jacket • 2000 Volts

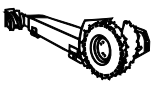
36-502-	Power Conductors			Grounding Conductors		Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [1] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils	Size AWG	No. of Wires per Conductor				
006	6	133	70	10	49	155	1.290	1069	93
004	4	259	70	8	133	155	1.400	1295	122
002	2	259	70	6	133	170	1.590	1778	159
001	1	259	80	5	133	190	1.760	2163	184
010	1/0	266	80	4	259	190	1.860	2508	211
020	2/0	323	80	3	259	205	2.000	3001	243
030	3/0	418	80	2	259	205	2.130	3470	279
040	4/0	532	80	1	259	220	2.310	4192	321
250	250	627	95	1/0	266	220	2.510	5213	355
350	350	888	95	2/0	323	235	2.810	6824	435
500	500	1221	95	4/0	532	265	3.190	9014	536

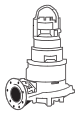
Primary Usage Recommendation


Blast Hole Driller


Continuous Miner


Roof Bolter


Longwall Miner


Pump

[1] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

[2] **Ground Check Conductor** – 10 AWG (minimum 49 strand 7x7) ground check conductor on 8 AWG through 2 AWG cable.

8 AWG (minimum 133 strand 7x19) ground check conductor on 1 AWG through 4/0 AWG cable.

6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

[3] **Jacket** – Standard jacket is black. See page 34 for color options

Tolerances – ± 5% of nominal outside diameter


Photo courtesy P&H

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-515

Type SHD-GC 3/C
Mold-cured CPE Jacket • 5000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[2]
Flexible tinned copper with yellow polypropylene insulation

Strand Shield
Semi-conducting layer

Ground Wires
Flexible tinned copper

Insulation
90°C ethylene-propylene rubber (EPR)

Separator Tape

Jacket[1]
Reinforced mold-cured thermosetting Chlorinated Polyethylene (CPE) Jacket. Cable identification via permanent marking.

Tape
Non-conducting

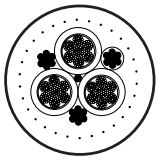
Insulation Shielding
Tinned copper and color coded nylon braid

Assembly
Taped core

See Page 34 for jacket color options.

Also available with **Extra-Tough** Thermoplastic Polyurethane (TPU) jacket for extremely abrasive environments! *See next page.*

See Page 34 for Tiger Stripe options



Round-shaped cross-section

Application

Heavy duty portable power cable for use in circuits not exceeding 5,000 volts. Designed for applications such as longwall shearers, continuous miners, shovels, dredges and drills. Recommended maximum continuous conductor temperature in 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy P&H

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Natural Resources Canada Certification No. 910.
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, BGC up to 2kV
- Canadian Standards Association
  File 82346, FT1, FT5, -50°C
  CSA Phase Color ID available on MTO
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV

Manufactured by AmerCable Incorporated • (870) 862-4919 • (800) 643-1516 • Fax (870) 862-9613

AmerCable INCORPORATED

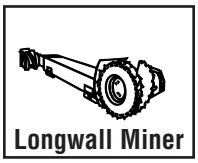
36-515 • Type SHD-GC 3/C • CPE Jacket • 5000 Volts

36-515-	Power Conductors			Grounding Conductors		Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [3] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils	Size AWG	No. of Wires per Conductor				
006	6	133	110	10	49	185	1.56	1560	93
004	4	259	110	8	133	185	1.68	1920	122
002	2	259	110	6	133	205	1.87	2500	159
001	1	259	110	5	133	205	1.95	2860	184
010	1/0	266	110	4	259	220	2.08	3390	211
020	2/0	323	110	3	259	220	2.20	3830	243
030	3/0	418	110	2	259	235	2.36	4418	279
040	4/0	532	110	1	259	235	2.50	5300	321
250	250	627	120	1/0	266	250	2.69	6450	355
350	350	888	120	2/0	323	265	2.95	7880	435
500	500	1221	120	4/0	532	280	3.31	10440	536

Primary Usage Recommendation


Loading Shovel


Blast Hole Driller


Longwall Miner


Continuous Miner

[1] **Jacket** – CPE jacket. Black CPE is standard. Colored CPE available upon request. See page 34 for color options.

[2] **Ground Check Conductor** – 8 AWG (minimum 133 strand 7x19) ground check conductor on 6 AWG through 4/0 AWG cable.

6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

[3] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

Tolerances – +8%/-5% of nominal outside diameter

Photo courtesy Bucyrus

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-514
Type SHD-GC 3/C
TPU Jacket • 5000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[2]
Flexible tinned copper with yellow polypropylene insulation

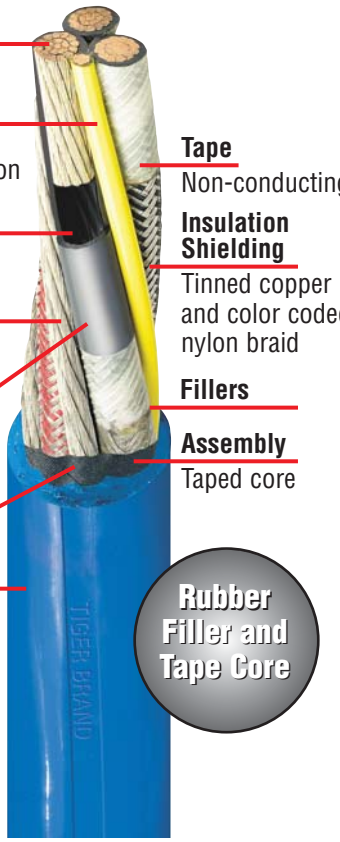
Strand Shield
Semi-conducting layer

Ground Wires
Flexible tinned copper

Insulation
90°C ethylene-propylene rubber (EPR)

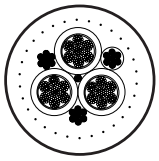
Separator Tape

Jacket[1]
Thermoplastic Polyurethane (TPU) Jacket.
Cable identification via permanent marking.



Black jacket standard.
See Page 34 for TPU jacket color options.

Also available with mold-cured thermosetting **Chlorinated Polyethylene (CPE)** jacket.
See Previous page.



Round-shaped cross-section

Application

Heavy duty portable power cable for use in circuits not exceeding 5,000 volts. Designed for applications such as longwall shearers, continuous miners, shovels, dredges and drills. Recommended maximum continuous conductor temperature in 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy P&H

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Canadian Standards Association (pending) File 82346, FT1, FT5, -50°C CSA Phase Color ID available on MTO Type SHD-GC, SHD-BGC up to 25kV

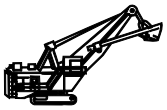
Manufactured by AmerCable Incorporated • (870) 862-4919 • (800) 643-1516 • Fax (870) 862-9613

AmerCable INCORPORATED

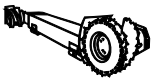
36-514 • Type SHD-GC 3/C • TPU Jacket • 5000 Volts

36-514-	Power Conductors Size AWG	Power Conductors No. of Wires per Conductor	Power Conductors Insulation Thickness mils	Grounding Conductors Size AWG	Grounding Conductors No. of Wires per Conductor	Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [3] 40°C Ambient Temp
006	6	133	110	10	49	185	1.560	1342	93
004	4	259	110	8	133	185	1.680	1629	122
002	2	259	110	6	133	205	1.870	2228	159
001	1	259	110	5	133	205	1.950	2447	184
010	1/0	266	110	4	259	220	2.080	2760	211
020	2/0	323	110	3	259	220	2.200	3238	243
030	3/0	418	110	2	259	235	2.360	3792	279
040	4/0	532	110	1	259	235	2.500	4548	321
250	250	627	120	1/0	266	250	2.690	5427	355
350	350	888	120	2/0	323	265	2.950	7070	435
500	500	1221	120	4/0	532	280	3.310	9407	536

Primary Usage Recommendation


Loading Shovel


Blast Hole Driller


Longwall Miner


Continuous Miner

[1] Jacket – Standard jacket is black.
See page 34 for TPU jacket color options.

[2] Ground Check Conductor – 8 AWG (minimum 133 strand 7x19) ground check conductor on 6 AWG through 4/0 AWG cable.

6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

[3] Ampacity – Based on continuous duty at 90°C conductor temperature.

Tolerances – +8%/-5% of nominal outside diameter

Photo courtesy Bucyrus

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-517

Type SHD-GC 3/C
Mold-cured CPE Jacket • 8000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[2]
Flexible tinned copper with yellow polypropylene insulation

Strand Shield
Semi-conducting layer

Ground Wires
Flexible tinned copper

Insulation
90°C ethylene-propylene rubber (EPR)

Insulation Shielding
Semi-conducting tape

Jacket[3]
Reinforced mold-cured thermosetting Chlorinated Polyethylene (CPE) Jacket. Cable identification via permanent marking.

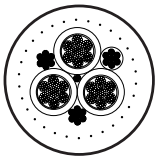
Insulation Shielding
Tinned copper and color coded nylon braid

Assembly
Taped core

See Page 34 for jacket color options.

Also available with **Extra-Tough** Thermoplastic Polyurethane (TPU) jacket for extremely abrasive environments! *See next page.*

See Page 34 for Tiger Stripe options



Round-shaped cross-section

Application

Heavy duty high voltage portable power cable for use in circuits not exceeding the rated voltage. These cables are used for heavy mobile equipment such as drag lines, shovels, dredges, drills and for power feeders. Recommended maximum continuous conductor temperature in 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy Bucyrus

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables
- Natural Resources Canada Certification No. 910.
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV
- Canadian Standards Association
  File 82346, FT1, FT5, -50°C
  CSA Phase Color ID available on MTO
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV

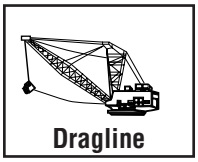
Manufactured by AmerCable Incorporated • (870) 862-4919 • (800) 643-1516 • Fax (870) 862-9613

AmerCable INCORPORATED

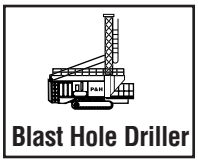
36-517 • Type SHD-GC • CPE Jacket • 8000 Volts

36-517-	Power Conductors			Grounding Conductors		Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [1] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils	Size AWG	No. of Wires per Conductor[2]				
004	4	259	150	8	133	205	1.94	2180	122
002	2	259	150	6	133	220	2.12	2830	159
001	1	259	150	5	133	220	2.21	3350	184
010	1/0	266	150	4	259	220	2.32	3590	211
020	2/0	323	150	3	259	235	2.46	4190	243
030	3/0	418	150	2	259	250	2.62	5075	279
040	4/0	532	150	1	259	250	2.75	5660	321
250	250	627	150	1/0	266	250	2.89	6740	355
350	350	888	150	2/0	323	280	3.20	8460	435
500	500	1221	150	4/0	532	295	3.56	10700	536

Primary Usage Recommendation


Dragline


Loading Shovel


Blast Hole Driller

[1] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

[2] **Ground Check Conductor** – 8 AWG (minimum 133 strand 7x19) ground check conductor on 4 AWG through 4/0 AWG cable.
6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

[3] **Jacket** – CPE jacket. Black CPE is standard. Colored CPE available upon request. See page 34 for color options.

Tolerances – +8%/-5% of nominal outside diameter

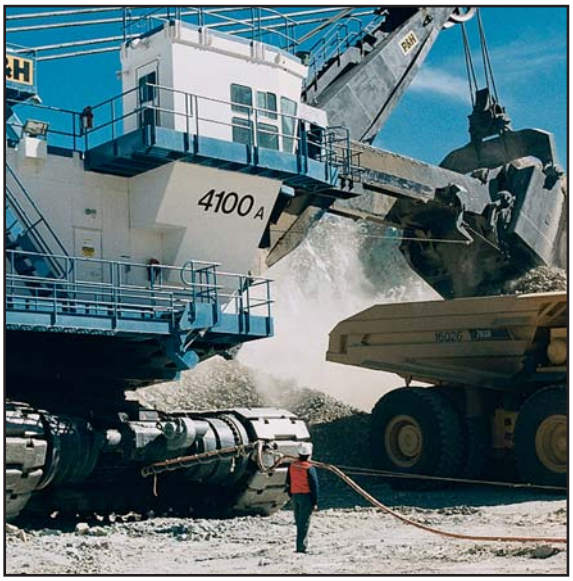


Photo courtesy P&H

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-518

Type SHD-GC 3/C
TPU Jacket • 8000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[2]
Flexible tinned copper with yellow polypropylene insulation

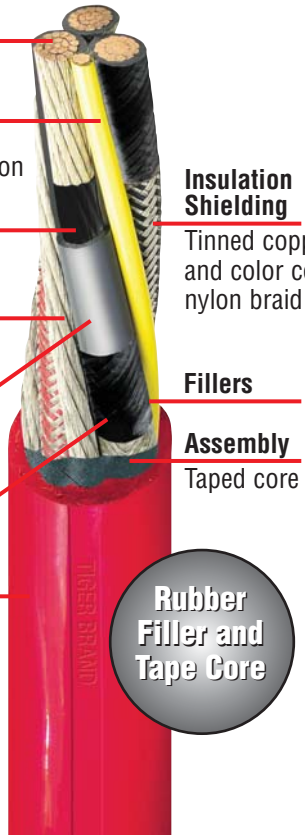
Strand Shield
Semi-conducting layer

Ground Wires
Flexible tinned copper

Insulation
90°C ethylene-propylene rubber (EPR)

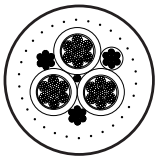
Insulation Shielding
Semi-conducting tape

Jacket[3]
Thermoplastic Polyurethane (TPU) Jacket.
Cable identification via permanent marking.



Black jacket standard.
See Page 34 for TPU jacket color options.

Also available with mold-cured thermosetting **Chlorinated Polyethylene (CPE)** jacket.
See Previous page.



Round-shaped cross-section

Application

Heavy duty high voltage portable power cable for use in circuits not exceeding the rated voltage. These cables are used for heavy mobile equipment such as drag lines, shovels, dredges, drills and for power feeders. Recommended maximum continuous conductor temperature in 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy Bucyrus

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables
- Canadian Standards Association (pending) File 82346, FT1, FT5, -50°C CSA Phase Color ID available on MTO Type SHD-GC, SHD-BGC up to 25kV

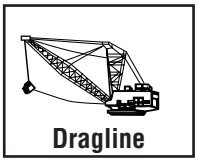
Manufactured by AmerCable Incorporated • (870) 862-4919 • (800) 643-1516 • Fax (870) 862-9613

AmerCable INCORPORATED

36-518 • Type SHD-GC • TPU Jacket • 8000 Volts

36-518-	Power Conductors			Grounding Conductors		Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [1] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils	Size AWG	No. of Wires per Conductor[2]				
004	4	259	150	8	133	205	1.940	2019	122
002	2	259	150	6	133	220	2.120	2603	159
001	1	259	150	5	133	220	2.210	2913	184
010	1/0	266	150	4	259	220	2.320	3351	211
020	2/0	323	150	3	259	235	2.460	3946	243
030	3/0	418	150	2	259	250	2.620	4582	279
040	4/0	532	150	1	259	250	2.750	5321	321
250	250	627	150	1/0	266	250	2.890	6101	355
350	350	888	150	2/0	323	280	3.200	7696	435
500	500	1221	150	4/0	532	295	3.560	10199	536

Primary Usage Recommendation


Dragline


Loading Shovel


Blast Hole Driller

[1] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

[2] **Ground Check Conductor** – 8 AWG (minimum 133 strand 7x19) ground check conductor on 4 AWG through 4/0 AWG cable.
6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

[3] **Jacket** – Standard jacket is black.
See page 34 for TPU jacket color options.

Tolerances – +8%/-5% of nominal outside diameter

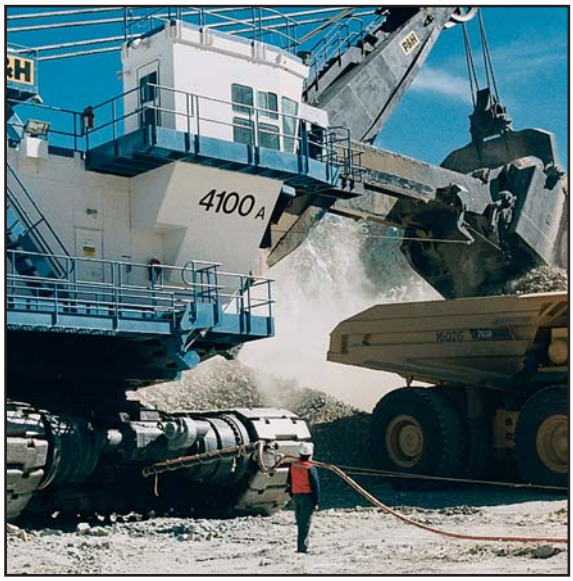


Photo courtesy P&H

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-519

Type SHD-GC 3/C
Mold-cured CPE Jacket • 15000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[3]
Flexible tinned copper with yellow polypropylene insulation

Strand Shield
Semi-conducting layer

Ground Wires
Flexible tinned copper

Insulation
90°C ethylene-propylene rubber (EPR)

Insulation Shielding
Semi-conducting tape

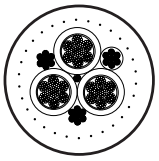
Jacket[2]
Reinforced mold-cured thermosetting Chlorinated Polyethylene (CPE) Jacket. Cable identification via permanent marking.

Insulation Shielding
Tinned copper and color coded nylon braid

Assembly
Taped core

See Page 34 for jacket color options.

Also available with **Extra-Tough** Thermoplastic Polyurethane (TPU) jacket for extremely abrasive environments! *See next page.*



Round-shaped cross-section

See Page 34 for Tiger Stripe options

Application

Heavy duty high voltage portable power cable for use in circuits not exceeding the rated voltage. These cables are used for heavy mobile equipment such as drag lines, shovels, dredges, drills and for power feeders. Recommended maximum continuous conductor temperature in 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy Bucyrus

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Natural Resources Canada Certification No. 910.
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV
- Canadian Standards Association
  File 82346, FT1, FT5, -50°C
  CSA Phase Color ID available on MTO
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV

Manufactured by AmerCable Incorporated • (870) 862-4919 • (800) 643-1516 • Fax (870) 862-9613

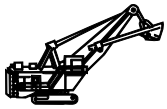
AmerCable INCORPORATED

36-519 • Type SHD-GC 3/C • CPE Jacket • 15000 Volts

36-519-	Power Conductors			Grounding Conductors		Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [1] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils	Size AWG	No. of Wires per Conductor				
002	2	259	210	6	133	235	2.41	3500	164
001	1	259	210	5	133	235	2.52	4080	187
010	1/0	266	210	4	259	250	2.64	4610	215
020	2/0	323	210	3	259	255	2.73	4890	246
030	3/0	418	210	2	259	265	2.90	5589	283
040	4/0	532	210	1	259	265	3.05	6820	325
250	250	627	210	1/0	266	265	3.10	6960	359
350	350	888	210	2/0	323	280	3.40	9128	437
500	500	1221	210	4/0	532	280	3.65	11020	534

Primary Usage Recommendation

Dragline



Loading Shovel

[1] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

[2] **Jacket** – CPE jacket. Black CPE is standard. Colored CPE available upon request. See page 34 for color options.

[3] **Ground Check Conductor** – 8 AWG (minimum 133 strand 7x19) ground check conductor on 4 AWG through 4/0 AWG cable. 6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

Tolerances – +8%/-5% of nominal outside diameter

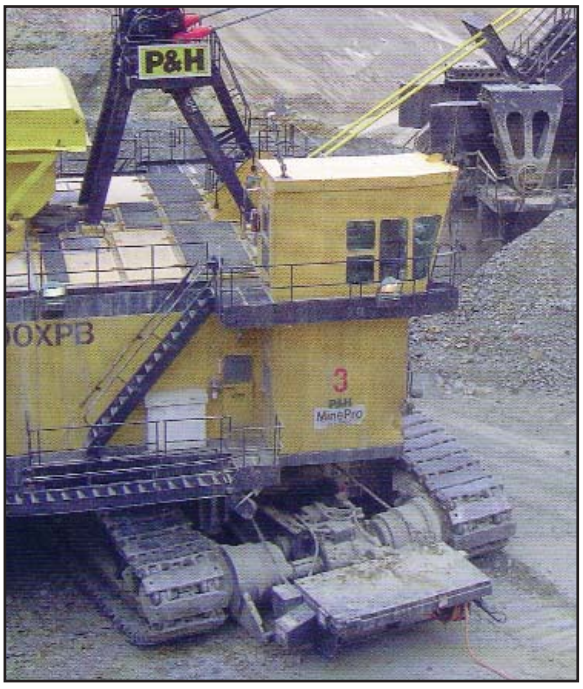


Photo courtesy P&H

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-521

Type SHD-GC 3/C
TPU Jacket • 15000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[3]
Flexible tinned copper with yellow polypropylene insulation

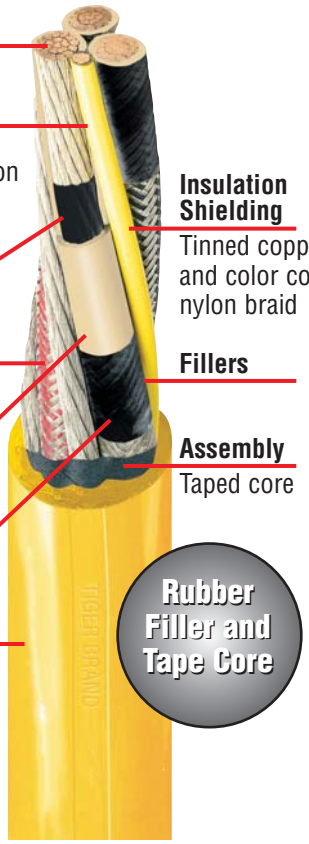
Strand Shield
Semi-conducting layer

Ground Wires
Flexible tinned copper

Insulation
90°C ethylene-propylene rubber (EPR)

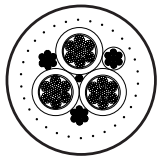
Insulation Shielding
Semi-conducting tape

Jacket[2]
Thermoplastic Polyurethane (TPU) Jacket.
Cable identification via permanent marking.



Black jacket standard.
See Page 34 for jacket color options.

Also available with mold-cured thermosetting **Chlorinated Polyethylene (CPE)** jacket.
See Previous page.


Round-shaped cross-section

Application

Heavy duty high voltage portable power cable for use in circuits not exceeding the rated voltage. These cables are used for heavy mobile equipment such as drag lines, shovels, dredges, drills and for power feeders. Recommended maximum continuous conductor temperature in 90°C.

Cable carries “P-184-MSHA” marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.


Photo courtesy Bucyrus

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Canadian Standards Association (pending) File 82346, FT1, FT5, -50°C CSA Phase Color ID available on MTO Type SHD-GC, SHD-BGC up to 25kV

Manufactured by AmerCable Incorporated • (870) 862-4919 • (800) 643-1516 • Fax (870) 862-9613

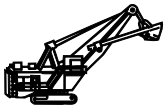
AmerCable INCORPORATED

36-521 • Type SHD-GC 3/C • TPU Jacket • 15000 Volts

36-521-	Power Conductors			Grounding Conductors		Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [1] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils	Size AWG	No. of Wires per Conductor				
002	2	259	210	6	133	235	2.410	3145	164
001	1	259	210	5	133	235	2.520	3567	187
010	1/0	266	210	4	259	250	2.640	3976	215
020	2/0	323	210	3	259	255	2.730	4526	246
030	3/0	418	210	2	259	265	2.900	5231	283
040	4/0	532	210	1	259	265	3.050	6033	325
250	250	627	210	1/0	266	265	N/A	6602	359
350	350	888	210	2/0	323	280	N/A	8306	437
500	500	1221	210	4/0	532	280	N/A	10497	534

Primary Usage Recommendation

Dragline



Loading Shovel

[1] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

[2] **Jacket** – Standard jacket is black.
See page 30 for TPU jacket color options.

[3] **Ground Check Conductor** – 8 AWG (minimum 133 strand 7x19) ground check conductor on 4 AWG through 4/0 AWG cable.
6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

Tolerances – +8%/-5% of nominal outside diameter

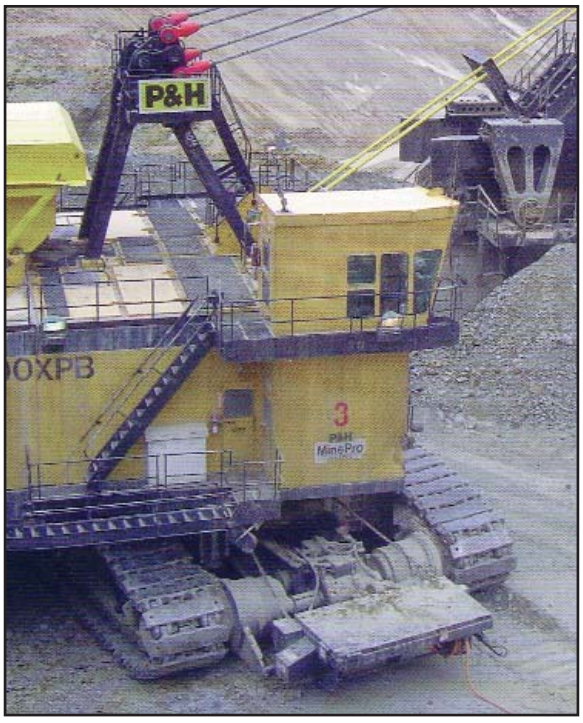


Photo courtesy P&H

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-525

Type SHD-GC 3/C
Mold-cured CPE Jacket • 25000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[3]
Flexible tinned copper with yellow polypropylene insulation

Strand Shield
Semi-conducting layer

Ground Wires
Flexible tinned copper

Insulation Shielding
Semi-conducting rubber and semi-conductive tape

Insulation Shielding
Tinned copper and color coded nylon braid

Insulation
90°C ethylene-propylene rubber (EPR)

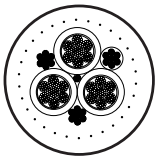
Assembly
Taped core

Jacket[2]
Reinforced mold-cured thermosetting Chlorinated Polyethylene (CPE) Jacket. Cable identification via permanent marking.

See Page 34 for jacket color options.

Also available with **Extra-Tough** Thermoplastic Polyurethane (TPU) jacket for extremely abrasive environments! *See next page.*

See Page 34 for Tiger Stripe options



Round-shaped cross-section

Application

Heavy duty high voltage portable power cable for use in circuits not exceeding the rated voltage. These cables are used for heavy mobile equipment such as drag lines, shovels, dredges, drills and for power feeders. Recommended maximum continuous conductor temperature in 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy P&H

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
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  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, BGC up to 2kV
- Canadian Standards Association
  File 82346, FT1, FT5, -50°C
  CSA Phase Color ID available on MTO
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV

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AmerCable INCORPORATED

36-525 • Type SHD-GC 3/C • CPE Jacket • 25000 Volts

36-525-	Power Conductors: Size AWG	Power Conductors: No. of Wires per Conductor	Power Conductors: Insulation Thickness mils	Grounding Conductors: Size AWG	Grounding Conductors: No. of Wires per Conductor	Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [1] 40°C Ambient Temp
001	1	259	260	5	133	265	2.95	5320	191
010	1/0	266	260	4	259	265	3.05	5840	218
020	2/0	323	260	3	259	280	3.20	6550	249
030	3/0	418	260	2	259	280	3.33	6670	286
040	4/0	532	260	1	259	295	3.50	8350	327
250	250	627	260	1/0	266	295	3.54	8085	360
350	350	888	260	2/0	323	295	3.85	10040	439

Primary Usage Recommendation

Dragline

[1] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

[2] **Jacket** – CPE jacket. Black CPE is standard. Colored CPE available upon request. See page 34 for color options.

[3] **Ground Check Conductor** – 8 AWG (minimum 133 strand 7x19) ground check conductor on 4 AWG through 4/0 AWG cable. 6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

Tolerances – +8%/-5% of nominal outside diameter

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-526

Type SHD-GC 3/C
TPU Jacket • 25000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[3]
Flexible tinned copper with yellow polypropylene insulation

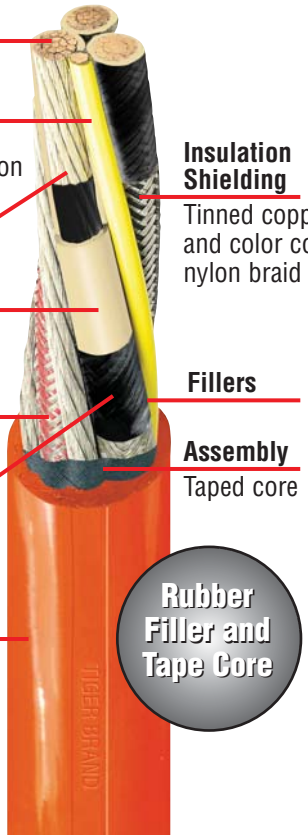
Strand Shield
Semi-conducting layer

Insulation
90°C ethylene-propylene rubber (EPR)

Ground Wires
Flexible tinned copper

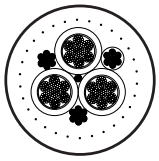
Insulation Shielding
Semi-conducting rubber and semi-conductive tape

Jacket[2]
Thermoplastic Polyurethane (TPU) Jacket.
Cable identification via permanent marking.



Black jacket standard.
See Page 34 for jacket color options.

Also available with mold-cured thermosetting **Chlorinated Polyethylene (CPE)** jacket.
See Previous page.


Round-shaped cross-section

Application

Heavy duty high voltage portable power cable for use in circuits not exceeding the rated voltage. These cables are used for heavy mobile equipment such as drag lines, shovels, dredges, drills and for power feeders. Recommended maximum continuous conductor temperature in 90°C.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy P&H

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Canadian Standards Association (pending) File 82346, FT1, FT5, -50°C CSA Phase Color ID available on MTO Type SHD-GC, SHD-BGC up to 25kV

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AmerCable INCORPORATED

36-526 • Type SHD-GC 3/C • TPU Jacket • 25000 Volts

36-526-	Power Conductors			Grounding Conductors		Jacket Thickness mils	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [1] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils	Size AWG	No. of Wires per Conductor				
001	1	259	260	5	133	265	2.950	4410	191
010	1/0	266	260	4	259	265	3.050	4866	218
020	2/0	323	260	3	259	280	3.200	5560	249
030	3/0	418	260	2	259	280	3.330	6192	286
040	4/0	532	260	1	259	295	3.500	7110	327
250	250	627	260	1/0	266	295	N/A	7692	360
350	350	888	260	2/0	323	295	N/A	9608	439

Primary Usage Recommendation

Dragline

[1] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

[2] **Jacket** – Standard jacket is black.
See page 34 for TPU jacket color options.

[3] **Ground Check Conductor** – 8 AWG (minimum 133 strand 7x19) ground check conductor on 4 AWG through 4/0 AWG cable.
6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

Tolerances – +8%/-5% of nominal outside diameter

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-432

Type W Round 4/C
Mold-cured Jacket • 2000 Volts

Conductors
Flexible tinned copper

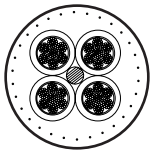
Tape
Non-conducting

Insulation
90°C ethylene-propylene rubber (EPR)

Jacket[1]
Reinforced mold-cured thermosetting Chlorinated Polyethylene (CPE) Jacket. Cable identification via permanent marking.

See Page 34 for jacket color options.

See Page 34 for Tiger Stripe options



Round-shaped cross-section

Application

Especially suitable for use with mobile mining equipment such as continuous miners, drills, cutters, loading machines, AC shuttle cars and pumps. Type W is for applications where bare grounding conductors are not required or desired. Recommended maximum continuous conductor temperature is 90°C.

Cable carries "P-7K-184 MSHA" marking indicating listing by the Mine Safety and Health Administration and the Pennsylvania Department of Environmental Protection.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy Bucyrus

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Natural Resources Canada Certification No. 910.
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV
- Canadian Standards Association
  File 82346, FT1, FT5, -50°C
  CSA Phase Color ID available on MTO
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV

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AmerCable INCORPORATED

36-432 • Type W Round 4/C • 2000 Volts

36-432-	Power Conductors			Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [2] 40°C Ambient Temp
	Size AWG	No. of Wires per Conductor	Insulation Thickness mils			
008	8	133	60	.99	670	54
006	6	133	60	1.10	890	72
004	4	259	60	1.27	1250	93
002	2	259	60	1.48	1800	122
001	1	259	80	1.68	2270	143
010	1/0	266	80	1.79	2680	165
020	2/0	323	80	1.93	3200	192
030	3/0	418	80	2.07	3627	221
040	4/0	532	80	2.26	4650	255

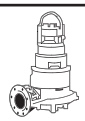
[1] **Jacket** – Black CPE is standard. Colored CPE jackets available upon request.

[2] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

Tolerances – ± .030" 8-1 AWG
± .040" 1/0 - 2/0 AWG
± .050" 3/0 - 4/0 AWG

Primary Usage Recommendation


Blast Hole Driller


Pump


Continuous Miner

Reel Correction Factors

For use with ampacities when one or more layers of cable are wound on a reel. Cables must be derated to prevent over heating on reel.

Number of Layers	Multiplying Correction Factors
1	0.85
2	0.65
3	0.45
4	0.35

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

36-442

Type G-GC Round 3/C
Mold-cured Jacket • 2000 Volts

Conductors
Flexible tinned copper

Ground Check Conductor[2]
Flexible tinned copper with yellow polypropylene insulation

Insulation
90°C ethylene-propylene rubber (EPR)

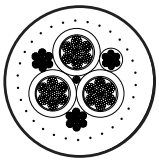
Ground Wires
Flexible tinned copper

Jacket[1]
Reinforced mold-cured thermosetting Chlorinated Polyethylene (CPE) Jacket. Cable identification via permanent marking.

Separator Tape
Non-conductive

See Page 34 for jacket color options.

See Page 34 for Tiger Stripe options



Round-shaped cross-section

Application

Especially suitable for use with mobile mining equipment such as continuous miners, drills, cutters, loading machines, AC shuttle cars and pumps. Type G-GC is for applications where grounding conductors and a ground check conductor are required. Recommended maximum continuous conductor temperature is 90°C.

Cable carries "P-7K-184 MSHA" marking indicating listing by the Mine Safety and Health Administration and the Pennsylvania Department of Environmental Protection.

Tiger® Brand Mining Cable meets or exceeds ICEA Standards S-75-381/NEMA WC-58, ASTM B-172 and B-33.

Photo courtesy Bucyrus

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381. Design standard for mining cables.
- Natural Resources Canada Certification No. 910.
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV
- Canadian Standards Association
  File 82346, FT1, FT5, -50°C
  CSA Phase Color ID available on MTO
  Type SHD-GC, SHD-BGC up to 25kV
  Type W, G, G-GC, G-BGC up to 2kV

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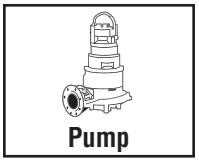
AmerCable INCORPORATED

36-442 • Type G-GC Round 3/C • 2000 Volts

36-442-	Power Conductors Size AWG	Power Conductors No. of Wires per Conductor	Power Conductors Insulation Thickness mils	Grounding Conductors Size AWG	Grounding Conductors No. of Wires per Conductor	Nominal Outside Dimensions in.	Approx. Weight lbs. per 1,000 ft.	Ampacity [3] 40°C Ambient Temp
008	8	133	60	10	49	.97	600	59
006	6	259	60	10	49	1.05	750	79
004	4	259	60	8	133	1.19	1070	104
002	2	259	60	7	133	1.34	1480	138
001	1	259	80	6	133	1.51	1890	161
010	1/0	266	80	5	133	1.65	2340	186
020	2/0	323	80	4	259	1.75	2750	215
030	3/0	418	80	2	259	1.89	3377	249
040	4/0	532	80	2	259	2.04	3980	287
250	250	627	95	2	259	2.39	5000	320
350	350	888	95	1/0	266	2.68	6750	394
500	500	1221	95	2/0	323	3.03	8900	487

Primary Usage Recommendation


Blast Hole Driller


Pump


Continuous Miner

[1] **Jacket** – Black CPE is standard. Colored CPE jackets available upon request.

[2] **Ground Check Conductor** – 10 AWG (minimum 49 strand 7x7) ground check conductor on 8 AWG through 2 AWG cable.

8 AWG (minimum 133 strand 7x19) ground check conductor on 1 AWG through 4/0 AWG cable.

6 AWG (minimum 133 strand 7x19) ground check conductor on 250 kcmil and larger cable.

[3] **Ampacity** – Based on continuous duty at 90°C conductor temperature.

Tolerances – ± .030" 8-1 AWG
± .040" 1/0 - 2/0 AWG
± .050" 3/0 - 4/0 AWG
± .060" 250 - 500 kcmil

Reel Correction Factors

For use with ampacities when one or more layers of cable are wound on a reel. Cables must be derated to prevent over heating on reel.

Number of Layers	Multiplying Correction Factors
1	0.85
2	0.65
3	0.45
4	0.35

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

AmerCable ISO 9001

37-119

Flexible Power Cable • DLO
EP/CPE • RHH, RHW-2 • 2000 Volts

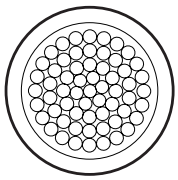
Conductors
Flexible tinned copper

Separator
Suitable separator tape provides easy stripping of insulation

Insulation
90°C ethylene-propylene rubber (EPR)

Jacket
Flame retardant, oil and sunlight retardant Chlorinated Polyethylene (CPE)

See Page 34 for jacket color options.



Round-shaped cross-section

Application

Tiger® Brand 2000V Diesel Locomotive Cable (DLO) is a single conductor Portable Power Cable suitable for use in industrial applications needing great flexibility, excellent wearability and a good flex life.

Features

- A two layer composite of flame retardant, oil and sunlight resistant Chlorinated Polyethylene (CPE) outer layer and Ethylene-Propylene rubber (EPR) inner layer. The composite design provides significant diameter reductions compared to designs using full thickness jackets.
- Suitable for continuous operating temperatures of 90°C, wet or dry
- Flame Resistance: FT-4/IEEE1202 for 2/0 – 1000 kcmil and UL VW-1
- Meets smoke release and other requirements of Vertical Cable Tray Test UL 1685 and is marked “LS” for 2/0 – 1000 kcmil
- Extremely flexible stranding used for increased flexibility and ease of installation

Ratings & Approvals

- UL Standard 44: Thermoset Insulated Wires & Cables, Types RHH, RHW-2. UL VW-1.
- UL Standard 1685: Vertical Tray Fire propagation and Smoke Release Test for Electrical and optical Fiber Cables. (UL, LS)
- AAR 591 Wire and Cable Insulating Material: Strand Construction except 3/0 and 4/0.
- ASTM B-33: Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes.
- ASTM B-172: Standard Specification for Rope-Lay-Stranded Copper Conductors having Bunch-Stranded Members, for Electrical Conductors.
- MSHA P-184

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AmerCable INCORPORATED

37-119 • Portable Power Cable • 2000 Volts

Part No. 37-119-	Size AWG/ kcmil	Minimum Wires per Conductor	Nominal Insulation Thickness in.	Nominal Jacket Thickness in.	Nominal Outside Diameter in.	Approx. Weight lbs. per 1,000 ft.	*Ampacity 90°C
201	14	19	0.045	0.015	0.214	31	35
202	12	19	0.045	0.015	0.233	41	40
203	10	27	0.045	0.015	0.257	58	55
204	8	37	0.055	0.030	0.326	86	80
205	6	61	0.055	0.030	0.365	124	105
207	4	105	0.055	0.030	0.460	198	140
209	2	147	0.055	0.030	0.498	261	190
210	1	224	0.065	0.045	0.618	400	220
211	1/0	266	0.065	0.045	0.664	468	260
212	2/0	323	0.065	0.045	0.704	561	300
213	3/0	418	0.065	0.045	0.789	725	350
214	4/0	532	0.065	0.045	0.839	888	405
215	262	646	0.075	0.065	0.973	1048	467
216	313	777	0.075	0.065	1.029	1227	522
217	373	925	0.075	0.065	1.094	1436	591
218	444	1110	0.075	0.065	1.169	1691	652
219	535	1332	0.090	0.065	1.295	2034	728
220	646	1591	0.090	0.065	1.368	2395	815
221	777	1924	0.090	0.065	1.488	2837	904
222	929	2318	0.090	0.065	1.583	3448	1005
223	1111	2745	0.130	0.065	1.707	4156	1119

* **Ampacity** – Calculated with at 90°C conductor temperature and 30°C ambient air, per 2002 NEC, Table 310-17

- Cable diameters are subject to +/-5% manufacturing tolerance
- Sizes above 1000 kcmil are not UL listed

AmerCable ISO 9001

36-501

VFD Power Cable • Shielded • 2000 Volts
3 Conductors + 3 Grounds + Ground Check(s)

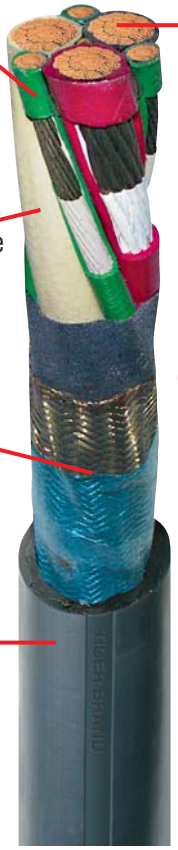
Ground Conductors (x3)
Flexible tinned rope stranded conductors per ASTMB-172 and B-33, Insulated and colored green

Insulation
Type II EPDM (EPR) suitable for continuous operation at 90°C. Ozone resistant.

Shield
Overall tinned copper braid plus aluminum/ polyester tape providing 100% coverage

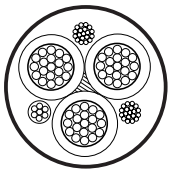
Jacket
Reinforced mold-cured thermosetting Chlorinated Polyethylene (CPE) Jacket. Cable identification via permanent marking.

See Page 34 for jacket color options.



Power Conductor
Extra flexible tinned rope stranded conductors per ASTM-172 and B-33

Ground Check Wire(s)
Flexible tinned copper with yellow insulation. Center ground check available



Round-shaped cross-section

Application

A flexible, braid and foil shielded, 2kV power cable specifically engineered for use in variable frequency AC motor drive (VFD) applications.

Cable carries "P-184-MSHA" marking indicating acceptance as flame resistant by the Pennsylvania Department of Environmental Protection and the Mine Safety and Health Administration.

Tiger® Brand Mining Cable materials meet or exceed ICEA Standard S-75-381/NEMA WC-58 for Type SHC constructions. ASTM B-172 and B-33.

Photo courtesy OEM

Ratings & Approvals

- 90˚C Temperature Rating
- Tiger® Brand Mining Cable materials meet or exceed ICEA Standard S-75-381/ NEMA WC-58.
- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- Canadian Standards Association (pending) File 82346
  CSA Phase Color ID available on MTO

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AmerCable INCORPORATED

36-501 • VFD Power Cable • 2000 Volts

Part No. 36-501	Power Conductor Size AWG/ kcmil	Grounding Conductors Size AWG[1]	Nominal Jacket Thickness in.	Nominal Diameter in.	Approx. Weight lbs./ft.	Ampacity[2] 90°C
002	2	8	0.155	1.43	1790	159
001	1	7	0.170	1.64	2150	184
010	1/0	6	0.170	1.74	2550	211
020	2/0	5	0.190	1.89	3100	243
030	3/0	4	0.190	2.01	4050	279
040	4/0	3	0.220	2.17	4390	321
250	250	3	0.220	2.40	5950	355
350	350	1	0.220	2.68	7840	405
500	500	1/0	0.265	3.03	9730	536

*Cable diameters are subject to a +/- 5% manufacturing tolerance

1 **Ground Check Conductor** – #16 AWG extensible strand for center groundcheck. #14 AWG is the minimum size for non-center ground check wires

2 **Ampacity Ratings** – based on continuous duty at 90°C conductor temperature

AWG/Metric Cross Reference

AWG/ kcmil Size	Area of AWG/kcmil in mm²	Nearest Standard Metric Cond. mm²
22	0.35	0.50
20	0.52	0.50
18	0.82	1.00
16	1.31	1.50
14	2.08	2.50
12	3.31	4
10	5.26	6
8	8.37	10
6	13.30	16
4	21.15	25
2	33.62	35
1	42.41	50
1/0	53.49	50
2/0	67.43	70
3/0	85.01	95
4/0	107.2	120
250	126.7	120
300	152.0	150
350	177.3	185
400	202.7	240
500	253.4	240
600	304.0	300
750	380.0	400
800	405.4	400
1000	506.7	500

Correction Factors

For ampacities for various ambient temperatures above or below 40°C.

Ambient Temp. Degrees C	Multiplying Correction Factors
10	1.26
20	1.18
30	1.10
40	1.00
50	0.90

AmerCable ISO 9001

37-102VFD

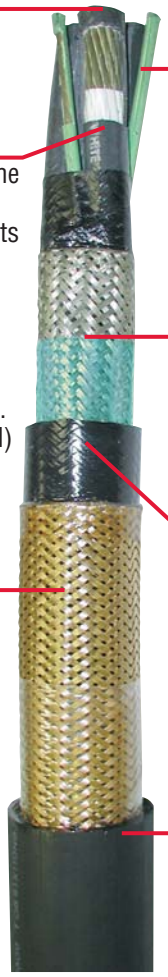
Standard Type VFD Power Cable
2kV • Rated 110°C • Gexol® Insulated

Power Conductors (x3)
Soft annealed flexible stranded tinned copper per IEEE 1580 Table 11.

Insulation (2kV)
Gexol® cross-linked flame retardant polyolefin, meeting the requirements for Type P of IEEE 1580 and Type X110 of UL 1309/CSA 245.

Color: Gray with printed phase I.D. (Black-White-Red)

Armor (Optional)
Basket weave wire armor per IEEE 1580 and UL 1309/CSA 245. Bronze standard. Aluminum or tinned copper available by request.



Ground Conductors (x3)
Soft annealed flexible stranded tinned copper per IEEE 1580 Table 11. Gexol®-HF insulated and sized per UL 1277. Color: Green

Shield
Overall tinned copper braid plus aluminum/ polyester tape providing 100% coverage.

Jacket
A black, arctic grade, flame retardant, oil, abrasion, chemical and sunlight resistant thermosetting compound meeting UL 1309/CSA 245 and IEEE 1580.

Sheath (Optional)
A black, arctic grade, flame retardant, oil, abrasion, chemical and sunlight resistant thermosetting compound meeting UL 1309/CSA 245 and IEEE 1580.

Ratings & Approvals

- Mine Safety & Health Administration 184-MSHA.
- Pennsylvania Department of Environmental Protection P-184.
- 110˚C Temperature Rating
- American Bureau of Shipping (ABS): 99-BT5905-X
- UL Listed as Marine Shipboard Cable: (E111461)

Other certifications pending

Termination Kits
AmerCable Systems offers pre-sized and pre-formed termination kit packages specifically for VFD cable constructions

Application

A flexible, braid and foil shielded, 2kV power cable specifically engineered for use in variable frequency AC motor drive (VFD) applications.

Features

- Specially engineered cable design produces a longer cable life in VFD applications.
- Overall braid plus foil shield is engineered with 100% coverage and a surface transfer impedance <50 milliohms at 10MHz to contain EMI.
- Symmetrical insulated ground conductors reduce induced voltage imbalances and carry common mode noise back to the drive.
- High strand count conductors and braid shield design is much more flexible, easier to install and more resistant to vibration than Type MC cable.
- Gexol's lower dielectric constant (standard XLPEs, EPRs and other Type P insulation materials have higher dielectric constants) reduces reflected wave peak voltage magnitudes. This allows for longer output cable distances and minimizes the effect of high frequency noise induced into the plant ground system.
- 2kV insulation thickness is used to resist the potential 2-3x reflected voltages experienced in 600V VFD applications.
- Dual certified IEEE 1580 Type P and UL 1309/CSA 245 Type X110.
- Highest ampacity ratings: ABS 100˚C, DNV 95˚C, LRS 95˚C, Transport Canada 95˚C.
- Severe cold durability: exceeds CSA cold bend/cold impact (-40˚C/-35˚C).
- Flame retardant: IEC 332-3 Category A and IEEE 1202.
- Suitable for use in Class I, Division 1 and Zone 1 environments (armored and sheathed).
- Optional braid armor of bronze, aluminum or tinned copper.

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Size AWG/ kcmil	Unarmored Part No. 37-102	Unarmored Nominal Diameter Inches*	Unarmored Weight Per 1000 Ft.	Armored Part No. 37-102	Armored Nominal Diameter Inches*	Armored Weight Per 1000 Ft.	Armored & Sheathed (BS) Part No. 37-102	Armored & Sheathed (BS) Nominal Diameter Inches*	Armored & Sheathed (BS) Weight Per 1000 Ft.	Green Insulated Grounding Conductor (x3) Size (AWG)	Ampacity 110°C	100°C	95°C	90°C	75°C
14	-508VFD	0.540	194	-508BVFD	0.590	281	-508BSVFD	0.725	356	18	27	25	22	-	18
12	-516VFD	0.590	224	-516BVFD	0.646	321	-516BSVFD	0.772	401	18	33	31	27	-	24
10	-308VFD	0.633	308	-308BVFD	0.694	412	-308BSVFD	0.820	497	14	44	41	36	-	33
8	-309VFD	0.764	441	-309BVFD	0.820	565	-309BSVFD	0.988	702	14	56	52	48	-	43
6	-310VFD	0.865	570	-310BVFD	0.925	708	-310BSVFD	1.090	865	12	75	70	64	93	58
4	-312VFD	1.072	886	-312BVFD	1.125	1061	-312BSVFD	1.295	1243	12	99	92	85	122	79
2	-314VFD	1.215	1421	-314BVFD	1.271	1618	-314BSVFD	1.440	1822	10	131	122	113	159	105
1	-315VFD	1.340	1517	-315BVFD	1.395	1743	-315BSVFD	1.560	1966	10	153	143	131	184	121
1/0	-316VFD	1.443	1803	-316BVFD	1.493	2027	-316BSVFD	1.666	2327	10	176	164	152	211	145
2/0	-317VFD	1.572	2153	-317BVFD	1.622	2399	-317BSVFD	1.854	2840	10	201	188	175	243	166
4/0	-319VFD	2.053	3463	-319BVFD	2.103	3785	-319BSVFD	2.335	4347	8	270	252	235	321	223
262	-320VFD	2.193	4175	-320BVFD	2.243	4522	-320BSVFD	2.475	5120	6	315	294	267	365	254
313	-321VFD	2.370	4727	-321BVFD	2.420	5104	-321BSVFD	2.652	5747	6	344	321	299	408	287
373	-322VFD	2.501	5415	-322BVFD	2.551	5809	-322BSVFD	2.845	6674	6	387	361	334	451	315
444	-323VFD	2.670	6707	-323BVFD	2.721	7141	-323BSVFD	3.014	8059	6	440	411	372	499	350
535	-324VFD	2.972	7483	-324BVFD	3.022	2966	-324BSVFD	3.316	8981	6	498	443	418	-	390
646	-326VFD	3.164	8916	-326BVFD	3.214	9428	-326BSVFD	3.508	10504	4	553	516	470	-	431
777	-327VFD	3.388	10395	-327BVFD	3.438	10940	-327BSVFD	3.732	12088	4	602	562	529		473

*Cable diameters are subject to a +/- 5% manufacturing tolerance

Strand Profile

Size AWG/kcmil	Number of Strands	Equivalent Metric Size (mm^2)	Uninsulated Conductor Dia. (inches)
18	19	0.96	0.049
16	19	1.32	0.059
14	19	2.08	0.074
12	19	3.29	0.093
10	37	5.23	0.113
8	37	7.57	0.136
6	61	12.49	0.175
4	133	21.11	0.258
2	133	33.51	0.324
1	209	42.79	0.361
1/0	266	54.45	0.407
2/0	342	70.01	0.461
3/0	418	85.57	0.510
4/0	532	108.91	0.575
262	646	132.25	0.654
313	777	159.06	0.720
373	925	189.36	0.785
444	1110	227.23	0.860
535	1332	272.68	0.941
646	1591	325.70	1.029
777	1924	393.87	1.132
1111	2745	561.94	1.354

VFD Cable Ampacity Ratings

110°C Ratings

Based on IEEE Std. 45 with a 45°C ambient and arranged in a single bank per hanger. For those instances where cable must be double banked, the 110°C ampacities should be multiplied by 0.8.

100°C Ratings

Based on IEEE Std. 45 with a 45°C ambient and arranged in a single bank per hanger. For those instances where cable must be double banked, the 100°C ampacities should be multiplied by 0.8.

95°C Ratings

Based on 4-3-4/Table 10 of the 2001 ABS MODU rules and a 45°C ambient.

90°C Ratings

Based on ICEA S-75-381 Table H-1 for a single isolated cable in air with a 40°C ambient. This ampacity is typically used for mining and other portable applications.

75°C Ratings

Based on Table B.310.1 of the 2005 NEC for cables in raceway and a 30°C ambient.

Gexol is flexible

and has a low capacitance for superior performance in VFD applications!

AmerCable ISO 9001

36-129

Drilling Mast Cable
Two Conductor • 600-2000 Volts

Conductors
Flexible tinned copper

Insulation
Ethylene-propylene rubber (EPR)

Jacket
Reinforced mold-cured thermosetting rubber. Cable identification via permanent marking.

Ground Wire
Flexible tinned copper

Control Group
Configuration to be specified by user

Tape
Non-conducting

Reinforcement
Polypropylene reinforcing braid provides long flex life

Application

Tiger® Brand 600-2,000 Volt two conductor drilling mast cables are recommended for installations where long flex life, great flexibility and wearability are desired. Applications include power and control for drill masts and other DC applications.

Features

- Suitable for continuous operating temperatures of 90°C
- Suitable for use on drills, festoons, suspended loops and power tracks
- Heavy duty jacket offers excellent protection against abrasion, impact, heat, oil flame, ozone, alkali and acids.
- Extremely flexible stranding used for increased flexibility and ease of installation

Ratings & Approvals

- 90°C Temperature Rating
- ASTM B-33: Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes
- Materials meet or exceed ICEA S-75-381/NEMA WC-58 and CSA Standard C22.2 #96

Photo courtesy Bucyrus

AmerCable INCORPORATED

36-129 • Drilling Mast Cable • Two Conductor • 600-2000 Volts

Part No. 36-129-	Size AWG/ kcmil	Minimum Wires per Conductor	Nominal Insulation Thickness in.	Nominal Outside Diameter in.	Approx. Weight lbs. per 1,000 ft.	*Ampacity 90°C
010	1/0	266	0.080	1.52	1780	217
020	2/0	323	0.080	1.65	2425	250
030	3/0	418	0.080	1.77	2872	286
040	4/0	532	0.080	1.92	3478	328
250	250	627	0.095	2.10	4155	363
350	350	888	0.095	2.36	5483	436
500	500	1221	0.095	2.70	7249	524

Primary Usage Recommendation

Blast Hole Driller

***Ampacity** – is calculated with a 90°C conductor temperature and 40°C ambient air

Cable diameters and weights are subject to +/-5% manufacturing tolerance

Photo courtesy P&H

AmerCable ISO 9001

Jacket Materials & Safety Options

AmerCable CPE Jackets

AmerCable's thermoset Chlorinated Polyethylene jacket provides the physical performance and strength needed to resist wear, tear, abrasion and compression cuts caused by everyday mining use.

This tough, durable jacket is a proven performer in mines throughout the world. AmerCable's engineered cable construction includes a taped-core, integral fill and tandem extrusion of the jacket layers. Two-pass jackets, extruded in tandem, yield an inseparable bond between the layers. Integral filling of the cable core reduces torsion-induced damage.

AmerCable's **CPE** and **TPU** colored jackets experience no loss of physical properties compared to the standard black jackets. These high visibility cables can improve mine safety by providingeasy circuit identification.

AmerCable TPU Jackets

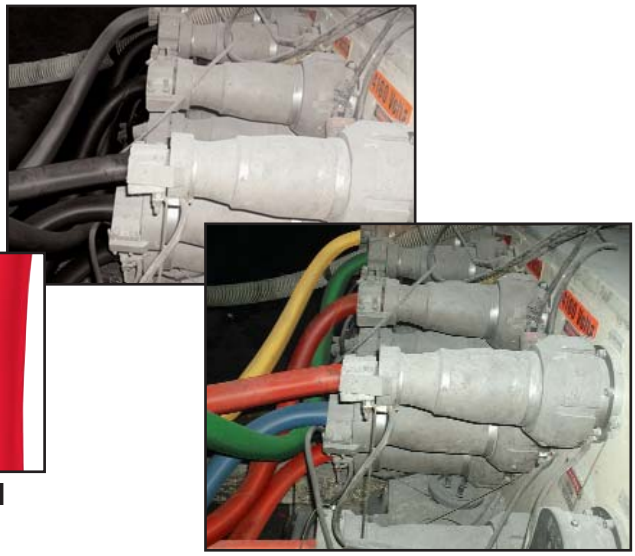
For extremely abrasive environments, AmerCable's Thermoplastic Polyurethane (TPU) jacket provides the ***extra-tough*** physical characteristics needed in the roughest mining environments.

Compared to AmerCable's standard CPE jacketing material, TPU provides:

- **5X more abrasion resistance**
- **2X more tear resistance**
- **2X more tensile strength**

Up to 8% Less Jacket Weight

Standard jacket color – **black**. *See color options below.*



Black *(standard)* | **Blue** | **Green** | **Orange** | **Yellow** | **Red**

(Available by Special Order)

Tiger Stripes

AmerCable's **Tiger Stripes** can **improve mine safety** by providing easier visual circuit identification.
Available on CPE round jacketed cables only.

- Less cable damage due to accidental "run-overs" or equipment snags
- Increased up-time due to extended cable life
- Faster circuit identification
- Increased safety for personnel

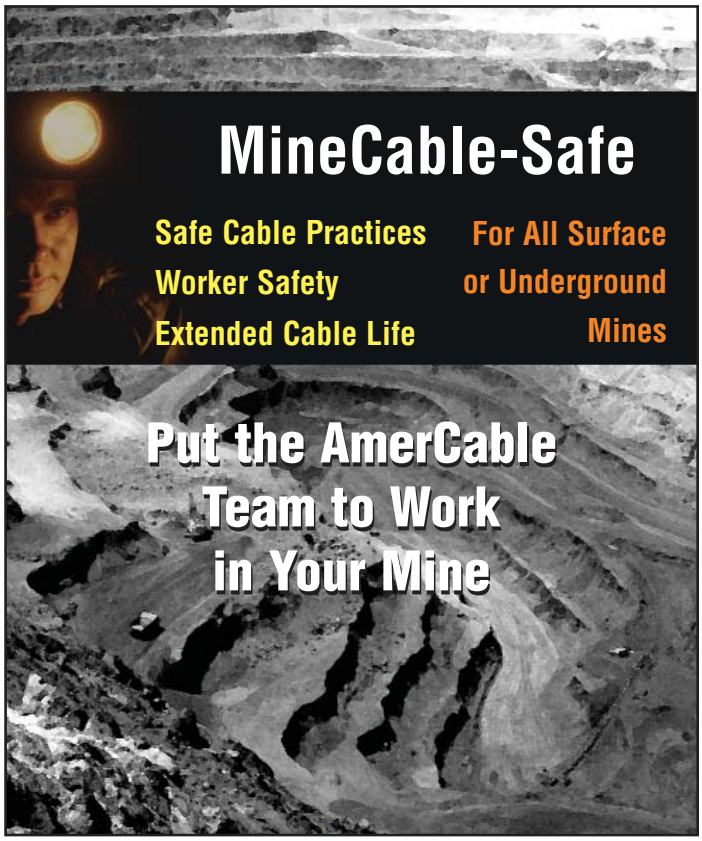
Black *(standard)* | **Blue** | **Green** | **Orange** | **Yellow** | **Red**

Safety, Training, and Education

AmerCable INCORPORATED

Safety and maximized cable productivity are AmerCable's top priorities for our customers. Surface or underground – 24/7 – all shifts – AmerCable's mine-experienced field reps are ready to provide on-site cable evaluation, safe handling training and innovative productivity solutions.

MineCable-Safe is an investment in **Safety** and **Productivity** that brings the knowledge and experience of our field engineers to your mine. A detailed report is provided that includes recommendations to make your cable usage safer and your mine more productive.

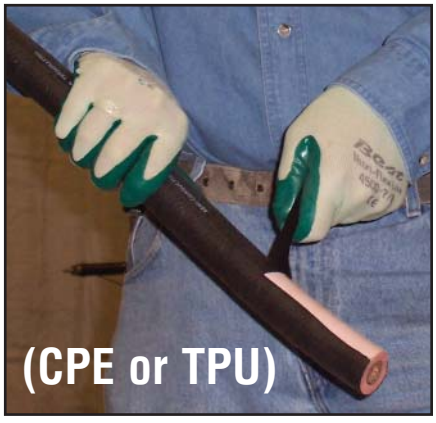


A few extra minutes spent in cable repair can save hours of costly downtime.

Cable Splicing Training

Our field reps can conduct on-site training (all shifts) on the correct way to splice cables to extend their service life.

Splice Kits



Factory Installed Cable Assemblies

Factory Installed Cable Assemblies from AmerCable are professionally assembled in our El Dorado, Arkansas manufacturing facility. Our team of experienced handlers join cables and connectors that match your exact specifications. Our assemblies are designed to perform in your harshest operating conditions.

Factory prepared cable assemblies or terminations are a reliable way to lower your overall cable connectivity costs through enhanced reliability, reduced handling and lower installation time.

Lower Overall Cost | **Enhanced Reliability** | **Reduced Installation Time**

Constructions

- 2 - 25kV
- Stress Cones & fill
- ID Labeling
- Pothead Assemblies

Applications

- Surface Mining
- Underground Mining
- Reeling

Why Use FACTORY INSTALLED Cable Assemblies?

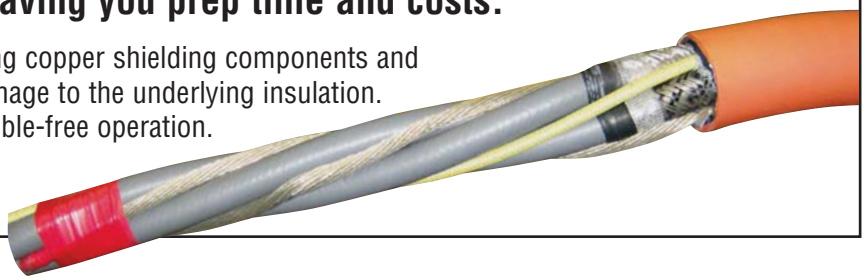
- Your cable assembly, built to your exact specifications, arrives ready for immediate use
- Reduced prep, handling and installation time
- No need to maintain expensive connector inventory or termination kit inventory
- Professionally assembled
- Factory electrical testing after termination/refurb
- AmerCable's on-time delivery rate and short lead times are #1 in the cable industry

Tiger Term

Tiger Term cables arrive ready for installation – saving you prep time and costs.

Our process involves properly removing copper shielding components and semi-conductive materials without damage to the underlying insulation. This is necessary for long-life and trouble-free operation.

Tiger Term is available on any cable 5kV or larger.



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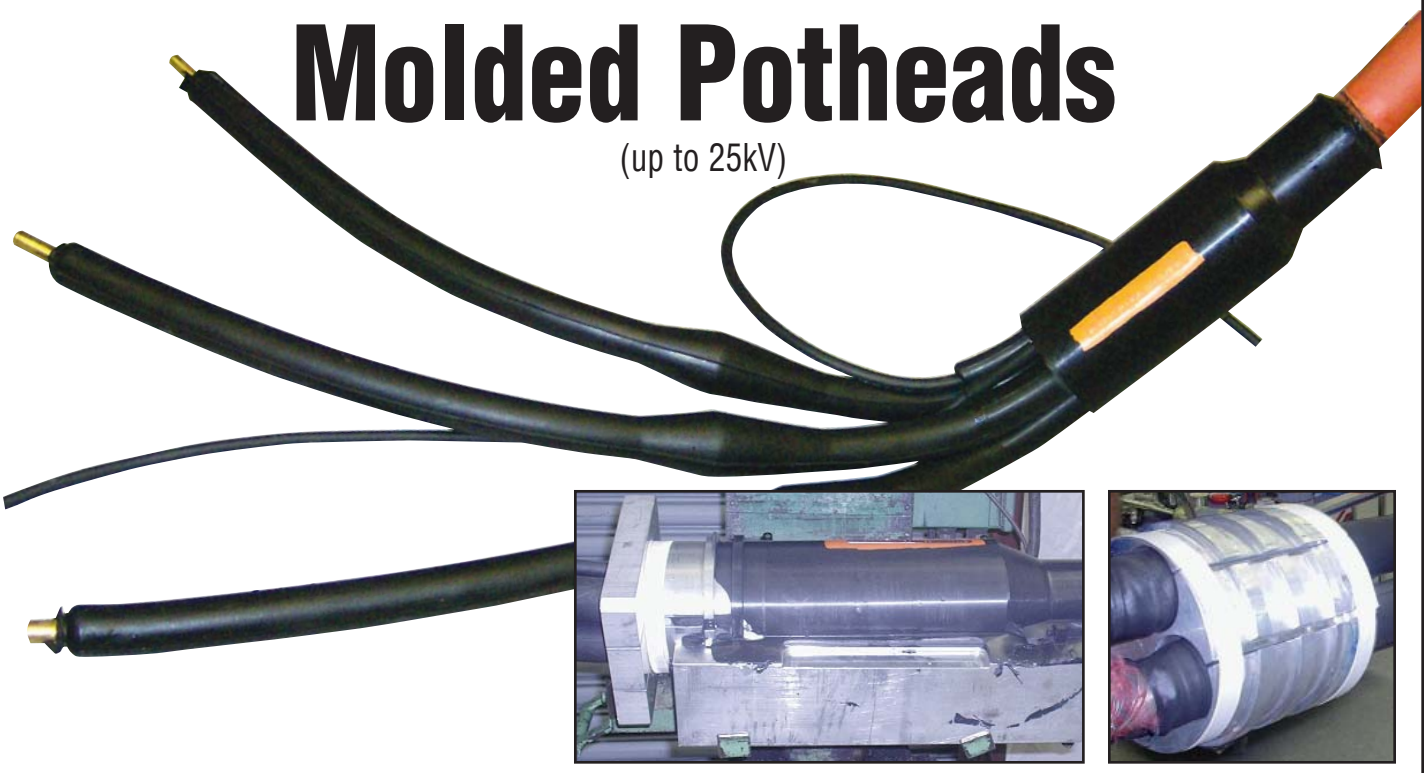
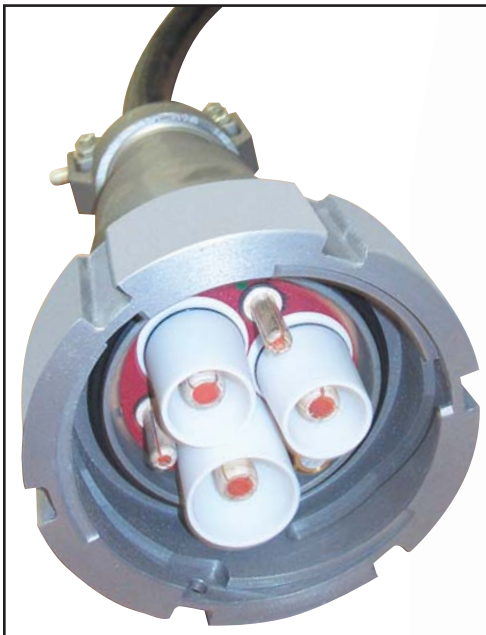
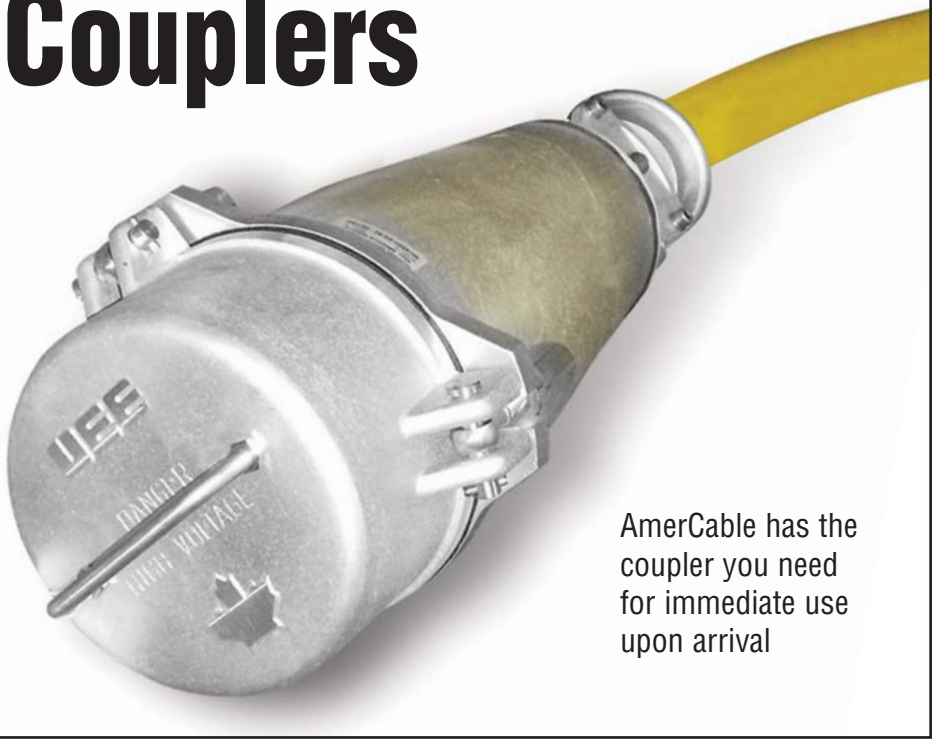
Molded Potheads

(up to 25kV)



Couplers





AmerCable has the coupler you need for immediate use upon arrival




AmerCable is the leading manufacturer of surface and underground mining cables in the United States.

AmerCable is an ISO 9001 certified cable manufacturer that combines leading-edge technology, proven manufacturing techniques, and high quality service to deliver the finest mining cable products available.

AmerCable serves a world-wide customer base from our manufacturing facility in El Dorado, Arkansas. Our professional field engineering and sales force work directly with customers or in partnership with a network of independent distributors to identify and fulfill specific cable requirements.

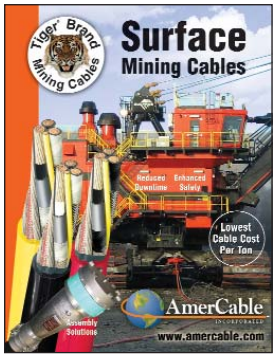
What can you expect from AmerCable?

- High Quality Cable with an emphasis on safety
- On-time Delivery (98%+ avg. for the last 36 months)*
- Professional Sales, Support and Service
- Strategic Inventory Locations
- Short Lead Times

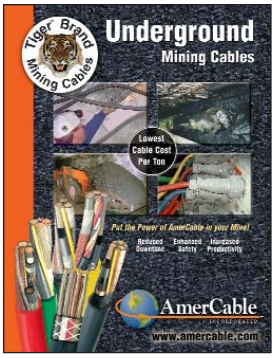
* *Check www.amercable.com for our most current on time delivery record and lead times*

Made in America

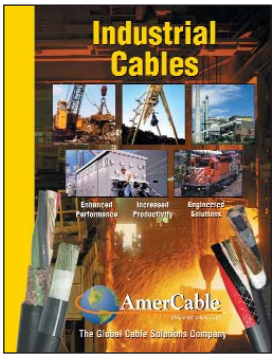
AmerCable's Mining & Industrial Cable Products



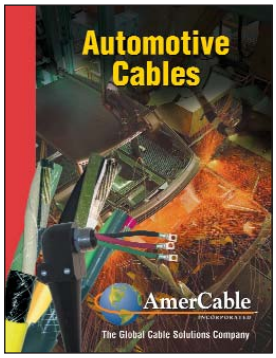
Surface Mining



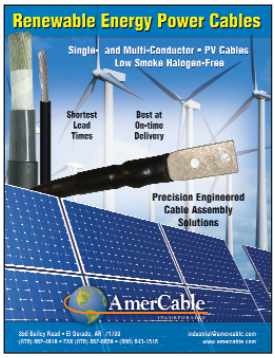
Underground Mining



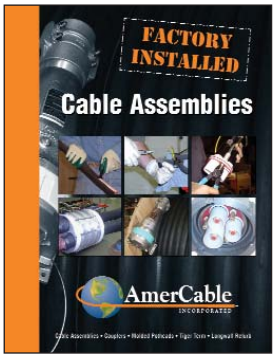
Industrial



Automotive



Renewable Energy Power Cables



Factory Installed Cable Assemblies

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