



TEXCAN

A Sonepar Company

MINING CATALOGUE

Wire & Cable Specialists

Our Commitment

Our commitment to our customers is simple - **we deliver even when others can't.**

As one of Canada's largest wire, cable and data communication distributors for over 40 years, Texcan supplies solutions for automotive, power distribution, control, industrial automation, commercial, residential, premise wiring and networking applications. Our commitment to superior customer service is the number one reason customers keep coming back.

Our parent company, Sonepar, is a major global electrical distributor, with divisions in 44 countries, 5 continents, over 46,000 associates and 2,800 branches.

Dedicated to Our Customers

Texcan understands that business is done between people. We consider a job finished when the customer is completely satisfied. This approach highlights our commitment to quality and our high level of customer service. This winning combination focuses on a personalized approach to our customers.

Product Expertise and Specialized Services

Texcan has five stocking locations in Western Canada. With over 200 employees, Texcan is able to provide product application expertise,

specialized technical assistance and superior sales service to meet our customers' needs.

We constantly strive to bring value to our customers. We provide:

- An extensive range of stock wire products
- Computerized order processing
- Regionalized bar coded warehousing
- Competitive pricing
- Inventory tracking technology
- JIT inventory

Strategic Partnerships

Texcan has worked hard to develop partnerships with customers and vendors and continues to be committed to developing such strategic alliances. These partnerships provide Texcan with a successful and proven record with some of the largest customers in the pulp and paper, mining, petrochemical, transportation, and communication industries.

Thanks to our relationships with key vendors such as: Prysmian Group, Southwire, Belden, Nexans, Northern Cables, Deca Cables, Marmon Electrical, CMP, and PTI Cables Inc., Texcan is able to offer its customers a diverse selection of quality products. We are confident we can continue to be your successful partner now and in the future.

Over 40 Years of Service



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To Place an Order - For many of the products in the catalogue, you will find everything that you need to place an order. Should you need any assistance or require special orders, please contact your sales representative. A complete list of our sales offices can be found on the back cover of this catalogue.

Introduction

Texcan's Mining cable is specifically designed for the mining industry, providing practical benefits which prolong the life cycle of the cable. It is designed to resist sunlight, water, extreme temperatures, chemicals, oil and abrasion, while also maintaining reliable performance in tough drilling environments. Mining cables utilize industry standard materials and cutting edge design and construction technology to ensure it is built to handle any mining application.



Applications

Mining cables are specifically designed for heavy duty use on mining equipment or dig sites, where maximum safety is required. Applications include high voltage distribution in underground mines, areas requiring a high degree of flexing or that experience physical abuse, and on mining equipment such as shuttle cars, roof bolters, drills, and loading machines. They are also used where service conditions are severe and where frequent relocation is necessary. Mining cables are built to ensure dependable performance and long lasting life cycles in extreme conditions.

Specifications

- CSA FT1, FT4 & FT5
- CSA C22 No. 96
- CSA File 82346
- ASTM B3, B33 & B172
- MSHA
- ICEA S-75-381/NEMA WC-58
- ICEA S-68-516/NEMA WC-8
- RoHS Compliant

*Refer to CE Code for details

CAUTION NOTICE

In case of fire, well maintained early warning smoke detectors will give an alarm long before non-metallic coverings become combustible. However, the Electrical and Electronic Manufacturers Association of Canada has suggested that all purchasers of PVC insulated / jacketed products be advised of the following:

- Non-metallic coverings of electrical cables can burn and may transmit fire when ignited.
- Burning non-metallic coverings may emit acid gases which are toxic and may generate dense smoke.
- Emission of acid gases may corrode metal in the vicinity e.g. sensitive instruments and reinforcing rods in cement.

The installer and/or user assumes all liability for the consequences of the installation and/or use of any of the products in violation of any applicable law, regulation, or code.

Mining Cable

Texcan's Mining cables range from 600V to 35KV. They are suitable for applications facing extreme and severe conditions, commonly in the mining industry. Mining Cables are available in various constructions, for various uses, as outlined below:

Type W-2KV – CSA and MSHA approved as well as ASTM certified and RoHS compliant. Fully annealed stranded bare copper conductor with a premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM) insulation and a flame retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) jacket.

Type G-GC-2KV – CSA FT1 and FT5 as well as MSHA approved and ASTM certified. Fully annealed stranded bare or tin coated copper with a premium-grade Ethylene Propylene Diene Monomer (EPDM) insulation and a flame retardant, oil and sunlight resistant Chlorinated Polyethylene (CPE) jacket. Also two bunched or rope lay stranded bare or tin coated, insulated or uninsulated copper ground conductors and one stranded bare or tin coated copper ground (check) conductor with yellow Ethylene Propylene Diene Monomer (EPDM) insulation.

Type G-2KV – CSA FT1 and FT5, MSHA approved and RoHS compliant. Fully annealed stranded bare or tin coated copper conductor with a premium-grade Ethylene Propylene Diene Monomer (EPDM) insulation and a flame-retardant, oil and sunlight resistant Chlorinated Polyethylene (CPE) jacket. Also four green Ethylene Propylene Diene Monomer (EPDM) insulated ground conductors with bare or tinned copper stranding.

Type SHD-GC-2KV - 25KV – CSA FT1, FT4 and FT5, MSHA approved and ASTM certified. Fully annealed stranded bare or tin coated copper conductor with a premium-grade Ethylene Propylene Diene Monomer (EPDM) insulation and a flame-retardant, oil and sunlight resistant Chlorinated Polyethylene (CPE) jacket. Also two bunched or rope lay stranded bare or tin coated, uninsulated copper ground conductors, one stranded bare or tin coated copper ground (check) conductor with yellow Ethylene Propylene Diene Monomer (EPDM) insulation and a soft drawn annealed copper braid shield over each conductor.

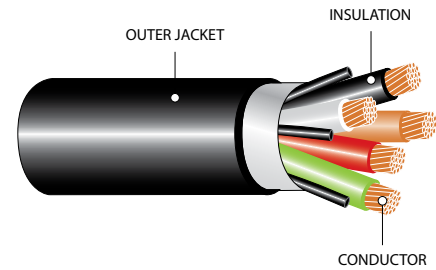


Vertical Riser Teck – Available in 1kV, 5kV and 15kV. CSA FT1 and FT4 as well as ICEA and OSHA approved and HL rated. Bare copper compact Class B strand conductor with Cross-linked Polyethylene (XLPE) Type RW90 insulation and an uninsulated stranded bare copper ground conductor. Lead-free, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC) inner jacket, Galvanized Steel Interlocked Armour (GSIA) and Lead-free, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC). 5kV and 15kV constructions include a Tree-Retardant Cross-linked Polyethylene (TRXLPE) insulation and a thermoset semi-conducting strand shield extruded over the conductor. 15kV also includes an insulation shield of semi-conducting thermosetting layer, applied in a triple extrusion process, plus a helically applied gapped copper tape.

SOOW Blasting Cable – CSA FT2 and MSHA approved. Stranded bare copper conductor with an Ethylene Propylene Diene Monomer (EPDM) insulation and Chlorinated Polyethylene (CPE) red jacket.

Terminations, splices and connectors also available!

Type W 2kV EPDM/CPE



SPECIFICATIONS

- CSA Approved
 - ASTM B-33
 - MSHA P-184
 - RoHS Compliant
- *Refer to CE Code for details



CONSTRUCTION

- Conductor:** Fully annealed stranded bare or tin coated copper
- Insulation:** Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)
- Outer Jacket:** Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C
- Options:** Other sizes, colours and custom designs available upon request
Ethylene Propylene Rubber (EPR) available upon request

3 Conductor

Part Number	No. of Cond.	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	in.	mm	in.	mm.	LB/ MFT	KG/KM
03007-01-010	3	8	133	0.060	1.520	0.925	23.500	470	699
03007-06-010	3	4	259	0.060	1.520	1.095	27.810	810	1205
03007-07-010	3	1/0	259	0.080	2.030	1.555	39.500	1965	2924
03007-09-010	3	3/0	259	0.080	2.030	1.815	46.100	2890	4300
03007-15-010	3	500	1235	0.095	2.410	3.030	76.960	8700	12946

4 Conductor

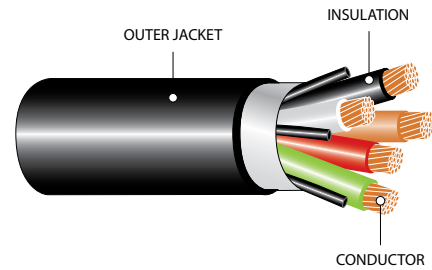
Part Number	No. of Cond.	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	in.	mm	in.	mm.	LB/ MFT	KG/KM
03008-01-010	4	8	133	0.060	1.520	0.980	24.890	615	915
03008-02-010	4	6	259	0.060	1.520	1.070	27.180	800	1190
03008-03-010	4	4	259	0.060	1.520	1.210	30.730	1040	1548
03008-04-010	4	2	259	0.080	2.030	1.435	36.450	1580	2351
03008-06-010	4	1	259	0.080	2.030	1.595	40.510	2045	3043
03008-07-010	4	1/0	259	0.080	2.030	1.705	43.310	2430	3616
03008-08-010	4	2/0	259	0.080	2.030	1.845	46.860	2950	4390
03008-09-010	4	3/0	259	0.080	2.030	1.965	49.910	3430	5104
03008-10-010	4	4/0	259	0.080	2.030	2.145	54.480	3885	5781
03008-11-010	4	250	627	0.095	2.413	2.665	67.691	5579	8302
03008-12-010	4	350	888	0.095	2.413	3.000	76.200	7329	10906
03008-13-010	4	500	1235	0.095	2.413	3.425	86.995	9896	14725

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
Specifications are subject to change without prior notice.

*Refer to CEC for Ampacity.

Type W 2kV

EPDM/CPE



SPECIFICATIONS

- CSA Approved
- ASTM B-33
- MSHA P-184
- RoHS Compliant

*Refer to CE Code for details



CONSTRUCTION

Conductor: Fully annealed stranded bare or tin coated copper

Insulation: Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)

Outer Jacket: Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C

Options: Other sizes, colours and custom designs available upon request
Ethylene Propylene Rubber (EPR) available upon request

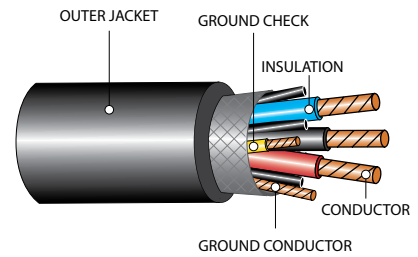
5 Conductor

Part Number	No. of Cond.	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	in.	mm	in.	mm.	LB/ MFT	KG/KM
03009-02-010	5	6	259	0.060	1.520	1.170	29.720	75	112
03009-04-010	5	4	259	0.060	1.520	1.360	34.540	1320	1964
03009-06-010	5	2	259	0.080	2.030	1.595	40.510	1925	2864
03009-07-000	5	1	259	0.080	2.030	1.820	46.230	2675	3980
03009-07-010	5	1/0	259	0.080	2.030	1.900	48.260	2885	4293
03009-08-010	5	2/0	259	0.080	2.030	1.845	46.860	2950	4390
03009-09-010	5	3/0	259	0.080	2.030	2.260	57.400	4900	7291
03009-10-010	5	4/0	259	0.080	2.030	2.460	62.480	5980	8898

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

Type G-GC 2kV EPDM/CPE



SPECIFICATIONS

- CSA FT1 & FT5
- CSA C22 No. 96
- ASTM B3 & B172-4
- MSHA P-123
- ICEA S-68-516

*Refer to CE Code for details



CONSTRUCTION

Conductor: Fully annealed stranded bare or tin coated copper

Insulation: Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)

Ground Conductor: Two bunched or rope lay stranded bare or tin coated, insulated or uninsulated copper

Ground Check Conductor: One stranded bare or tin coated copper with yellow Ethylene Propylene Diene Monomer (EPDM) insulation

Outer Jacket: Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C

Options: Other sizes, colours and custom designs available upon request
Ethylene Propylene Rubber (EPR) available upon request

3 Conductor

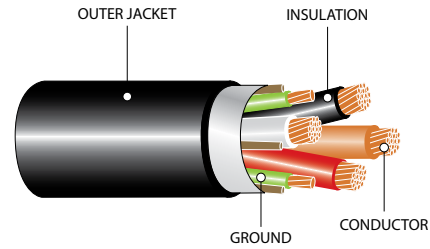
Part Number	No. of Cond.	AWG Size				Insulation Thickness		Approximate Diameter		Copper Content		Net Weight	
		Cond.	Stranding	Ground Cond.	Ground Check	in.	mm	in.	mm.	LB/ MFT	KG/KM	LB/ MFT	KG/KM
03020-02-011	3	10	104/30	2 x 12	12	0.060	1.524	.750	19.050	157	233	538	800
03020-03-010	3	8	133/29	2 x 10	10	0.060	1.524	0.905	22.987	255	379	600	893
03020-04-010	3	6	259/30	2 x 10	10	0.060	1.524	1.025	26.035	349	519	775	1153
03020-05-012	3	4	259/28	2 x 9	10	0.060	1.524	1.140	27.816	526	783	1075	1600
03020-07-012	3	2	259/26	2 x 7	8	0.060	1.524	1.300	33.020	839	1248	1575	2344
03020-08-010	3	1	259/25	2 x 6	8	0.080	2.032	1.495	37.973	1040	1548	1900	2827
03020-09-010	3	1/0	259-24	2 x 5	8	0.080	2.032	1.610	40.894	1410	2098	2500	3720
03020-10-010	3	2/0	259/23	2 x 4	8	0.080	2.032	1.730	43.942	1605	2388	3000	4464
03020-12-010	3	4/0	259/21	2 x 2	8	0.080	2.032	2.010	51.054	2525	3757	4200	6250
03020-13-012	3	250	627/24	2 x 1	8	0.095	2.413	2.390	60.706	2920	4345	5116	7613
03020-15-010	3	350	855/24	2 x 1/0	8	0.095	2.413	2.680	68.072	4095	6093	7379	10980
03020-17-012	3	500	1235/24	2 x 3/0	8	0.095	2.413	3.030	76.962	5730	8526	8215	12224

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

Type G 2kV

EPDM/CPE



SPECIFICATIONS

- CSA FT5
- ASTM B172 & B33
- MSHA P-7K-268101
- ICEA S-75-381/NEMA WC-58
- ICEA S-68-516/NEMA WC-8
- RoHS Compliant

*Refer to CE Code for details

CONSTRUCTION

Conductor: Fully annealed stranded bare or tin coated copper

Insulation: Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)

Ground Conductor: Green Ethylene-Propylene-Diene Monomer (EPDM) insulated with bare or tinned copper stranding

Outer Jacket: Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C

Options: Other sizes, colours and custom designs available upon request
Ethylene Propylene Rubber (EPR) available upon request



4 Conductor

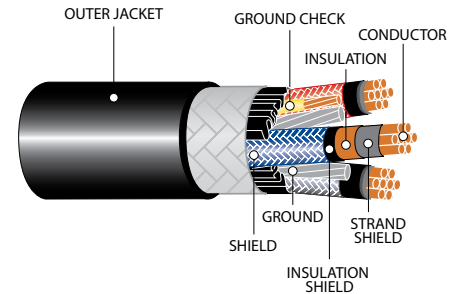
Part Number	No of Cond.	AWG Size			Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	Ground Cond.	in.	mm.	in.	mm.	LB/MFT	KG/KM
03032-02-010	4	8	133	4 x 12	0.060	1.520	1.045	26.540	635	945
03032-04-010	4	6	259	4 x 12	0.060	1.520	1.125	28.580	900	1339
03032-03-010	4	4	259	4 x 10	0.060	1.520	1.210	30.730	1280	1905
03032-05-011	4	2	259	4 x 9	0.080	2.030	1.435	36.450	2000	2976
03032-07-010	4	1/0	259	4 x 7	0.080	2.030	1.720	43.69	3140	4672
03032-08-010	4	2/0	259	4 x 6	0.080	2.030	1.860	47.240	3780	5625
03032-09-010	4	3/0	259	4 x 5	0.080	2.030	2.075	52.710	4500	6696
03032-10-010	4	4/0	259	4 x 5	0.080	2.030	2.155	54.740	5520	8214
03032-13-010	4	500	1235	4 x 1/0	0.095	2.413	3.400	86.400	10758	16008

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.


Type SHD-GC 2kV

EPDM/CPE



SPECIFICATIONS

- CSA FT1 & FT5**
- ASTM B3
- ICEA S-75-381/NEMA WC58
- MSHA

*Refer to CE Code for details
 **CSA on black, red, blue colour code only

CONSTRUCTION

- Conductor:** Fully annealed stranded bare copper or tin coated
- Insulation:** Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)
- Ground Conductor:** Two bunched or rope lay stranded bare or tin coated, uninsulated copper
- Ground Check Conductor:** One stranded bare or tin coated copper with yellow Ethylene Propylene Diene Monomer (EPDM) insulation
- Braid Shield:** Soft drawn annealed copper braid served over each conductor
- Outer Jacket:** Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C
- Options:** Other sizes, colours and custom designs available upon request
 Ethylene Propylene Rubber (EPR) insulation available upon request
 Reflective tape added to exterior upon request

3 Conductor

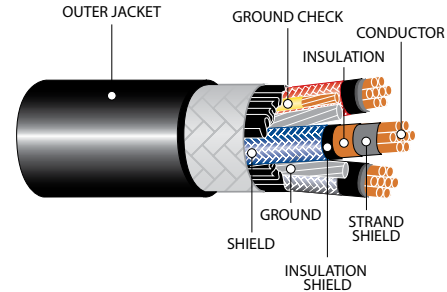
Part Number	No. of Cond.	AWG Size				Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	Ground Cond.	Ground Check	in.	mm	in.	mm.	LB/ MFT	KG/KM
03020-00-010	3	14	41	2 x 14	14	0.070	1.778	0.905	22.990	385	573
03020-01-010	3	12	65	2 x 12	12	0.070	1.778	0.950	24.130	593	882
03020-02-010	3	10	104	2 x 12	12	0.070	1.778	1.000	25.400	679	1010
03050-03-010	3	8	168	2 x 10	10	0.070	1.778	1.160	29.460	820	1220
03050-02-010	3	6	133	2 x 10	10	0.070	1.778	1.290	32.770	1160	1726
03050-01-010	3	4	259	2 x 8	10	0.070	1.778	1.400	35.560	1490	2217
03050-05-010	3	2	259	2 x 6	10	0.070	1.778	1.590	40.390	2000	2976
03050-06-010	3	1	259	2 x 5	10	0.080	2.032	1.760	44.700	2450	3646
03050-07-010	3	1/0	266	2 x 4	8	0.080	2.032	1.860	47.240	2840	4226
03050-08-010	3	2/0	342	2 x 3	8	0.080	2.032	2.000	50.800	3400	5059
03050-10-010	3	4/0	532	2 x 1	8	0.080	2.032	2.310	58.670	4860	7232

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

Type SHD-GC 5kV

EPDM/CPE



SPECIFICATIONS

- CSA FT1 & FT5**
- ASTM B3
- ICEA S-75-381/NEMA WC58
- MSHA

*Refer to CE Code for details
CSB **CSA on black, red, blue colour code only

CONSTRUCTION

Conductor: Fully annealed stranded bare copper or tin coated

Insulation: Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)

Ground Conductor: Two bunched or rope lay stranded bare or tin coated, uninsulated copper

Ground Check Conductor: One stranded bare or tin coated copper with yellow Ethylene Propylene Diene Monomer (EPDM) insulation

Braid Shield: Soft drawn annealed copper braid served over each conductor

Outer Jacket: Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C

Options: Other sizes, colours and custom designs available upon request
 Ethylene Propylene Rubber (EPR) insulation available upon request
 Reflective tape added to exterior upon request

3 Conductor

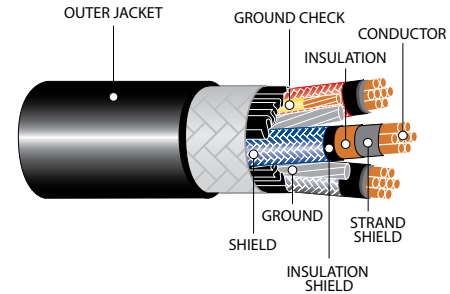
Part Number	No. of Cond.	AWG Size				Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	Ground Cond.	Ground Check	in.	mm	in.	mm.	LB/ MFT	KG/KM
03051-03-010	3	6	133	2 x 10	10	0.110	2.794	1.560	39.620	1560	2321
03051-04-010	3	4	259	2 x 8	10	0.110	2.794	1.680	42.670	1920	2857
03051-05-010	3	2	259	2 x 6	10	0.110	2.794	1.870	47.498	2500	3720
03051-06-010	3	1	259	2 x 5	10	0.110	2.794	1.950	49.530	2860	4256
03051-07-010	3	1/0	266	2 x 4	8	0.110	2.794	2.080	52.832	3390	5044
03051-08-010	3	2/0	323	2 x 3	8	0.110	2.794	2.200	55.880	3830	5699
03051-10-010	3	4/0	532	2 x 1	8	0.110	2.794	2.360	59.940	5300	7886
03051-11-010	3	250	627	2 x 1/0	6	0.120	3.048	2.500	63.500	6450	9598
03051-13-010	3	350	888	2 x 2/0	6	0.120	3.048	2.690	68.330	7880	11725
03051-16-010	3	500	1221	2 x 4/0	6	0.120	3.048	3.310	84.070	10400	15475

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
 Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.


Type SHD-GC 8kV

EPDM/CPE



SPECIFICATIONS

- CSA FT1 & FT5**
- ASTM B3
- ICEA S-75-381/NEMA WC58
- MSHA P

*Refer to CE Code for details
 **CSA on black, red, blue colour code only

CONSTRUCTION

Conductor: Fully annealed stranded bare copper or tin coated

Insulation: Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)

Ground Conductor: Two bunched or rope lay stranded bare or tin coated, uninsulated copper

Ground Check Conductor: One stranded bare or tin coated copper with yellow Ethylene Propylene Diene Monomer (EPDM) insulation

Braid Shield: Soft drawn annealed copper braid served over each conductor

Outer Jacket: Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C

Options: Other sizes, colours and custom designs available upon request
 Ethylene Propylene Rubber (EPR) insulation available upon request
 Reflective tape added to exterior upon request

3 Conductor

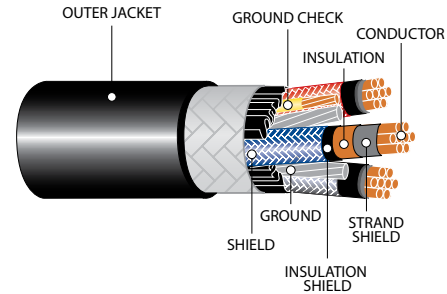
Part Number	No. of Cond.	AWG Size				Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	Ground Cond.	Ground Check	in.	mm	in.	mm.	LB/ MFT	KG/KM
03052-01-010	3	4	259	2 x 8	10	0.150	3.810	1.940	49.280	2180	3244
03052-05-010	3	2	259	2 x 6	10	0.150	3.810	2.120	53.850	2830	4211
03052-06-010	3	1	259	2 x 5	10	0.150	3.810	2.210	56.130	3350	4985
03052-07-010	3	1/0	266	2 x 4	8	0.150	3.810	2.320	58.930	3590	5342
03052-08-010	3	2/0	323	2 x 3	8	0.150	3.810	2.460	62.480	4190	6235
03052-09-010	3	3/0	418	2 x 2	8	0.150	3.810	2.620	66.548	5075	7552
03052-10-010	3	4/0	532	2 x 1	8	0.150	3.810	2.750	69.850	5660	8422
03052-13-010	3	350	888	2 x 2/0	6	0.150	3.810	3.200	81.280	8460	12589
03052-16-010	3	500	1221	2 x 4/0	6	0.150	3.810	3.560	90.424	10700	15922

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
 Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

Type SHD-GC 15kV

EPDM/CPE



SPECIFICATIONS

- CSA FT1 & FT5**
- ASTM B3
- ICEA S-75-381/NEMA WC58
- MSHA P

*Refer to CE Code for details
SP **CSA on black, red, blue colour code only

CONSTRUCTION

- Conductor:** Fully annealed stranded bare copper or tin coated
- Insulation:** Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)
- Ground Conductor:** Two bunched or rope lay stranded bare or tin coated, uninsulated copper
- Ground Check Conductor:** One stranded bare or tin coated copper with yellow Ethylene Propylene Diene Monomer (EPDM) insulation
- Braid Shield:** Soft drawn annealed copper braid served over each conductor
- Outer Jacket:** Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C
- Options:** Other sizes, colours and custom designs available upon request
 Ethylene Propylene Rubber (EPR) insulation available upon request
 Reflective tape added to exterior upon request

3 Conductor

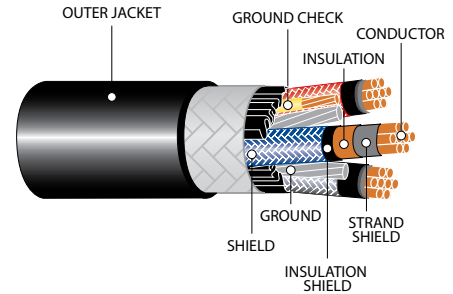
Part Number	No. of Cond.	AWG Size				Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	Ground Cond.	Ground Check	in.	mm	in.	mm.	LB/ MFT	KG/KM
03053-05-010	3	2	259	2 x 6	10	0.210	5.334	2.410	61.210	3500	5208
03053-06-010	3	1	259	2 x 5	10	0.210	5.334	2.520	64.010	4080	6071
03053-07-010	3	1/0	266	2 x 4	8	0.210	5.334	2.640	67.060	4610	6860
03053-08-010	3	2/0	323	2 x 3	8	0.210	5.334	2.730	69.340	4890	7276
03053-10-010	3	4/0	532	2 x 1	8	0.210	5.334	3.050	77.470	6820	10148
03053-11-010	3	250	627	2 x 1/0	6	0.210	5.334	3.100	78.740	6960	10356
03053-13-010	3	350	888	2 x 2/0	6	0.210	5.334	3.400	86.360	9128	13583

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

*Refer to CEC for Ampacity.


Type SHD-GC 25kV

EPDM/CPE



SPECIFICATIONS

- CSA FT1 & FT5**
- ASTM B3
- ICEA S-75-381/NEMA WC58
- MSHA P

*Refer to CE Code for details
 **CSA on black, red, blue colour code only

CONSTRUCTION

- Conductor:** Fully annealed stranded bare copper or tin coated
- Insulation:** Premium-grade, colour-coded 90°C Ethylene Propylene Diene Monomer (EPDM)
- Ground Conductor:** Two bunched or rope lay stranded bare or tin coated, uninsulated copper
- Ground Check Conductor:** One stranded bare or tin coated copper with yellow Ethylene Propylene Diene Monomer (EPDM) insulation
- Braid Shield:** Soft drawn annealed copper braid served over each conductor
- Outer Jacket:** Flame-retardant, oil & sunlight resistant Chlorinated Polyethylene (CPE) rated temperature 90°C
- Options:** Other sizes, colours and custom designs available upon request
 Ethylene Propylene Rubber (EPR) insulation available upon request
 Reflective tape added to exterior upon request

3 Conductor

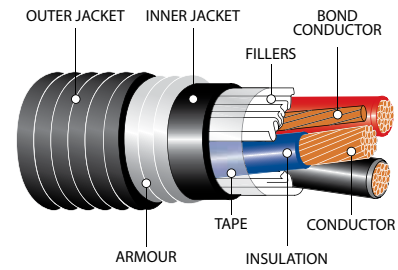
Part Number	No. of Cond.	AWG Size				Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Stranding	Ground Cond.	Ground Check	in.	mm	in.	mm.	LB/ MFT	KG/KM
03054-07-060	3	1/0	266	2 x 4	8	10.240	260.100	3.050	77.470	5840	8690
03054-07-070	3	1/0	266	2 x 4	8	10.240	260.100	3.050	77.470	5840	8690
03054-08-060	3	2/0	342	2 x 3	8	10.240	260.100	3.200	81.280	6550	9746
03054-09-030	3	3/0	418	2 x 2	8	10.240	260.100	3.330	84.580	6670	9925
03054-09-060	3	3/0	418	2 x 2	8	10.240	260.100	3.330	84.580	6670	9925
03054-10-070	3	4/0	532	2 x 1	8	10.240	260.100	3.500	88.900	8350	12425

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

Vertical Riser Teck 1kV

XLPE/PVC/GSIA/PVC



SPECIFICATIONS

- CSA FT1 & FT4
- CSA C22 No. 131 & 174
- ICEA
- OSHA

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare copper Class B strand

Insulation: Cross-linked Polyethylene (XLPE) Type RW90

Ground Conductor: Uninsulated stranded bare copper

Inner Jacket: Lead-free, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC) with raised ribs

Armour: Galvanized Steel Interlocked Armour (GSIA)

Outer Jacket: Lead-free, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

Options: Other sizes, colours and custom designs available upon request

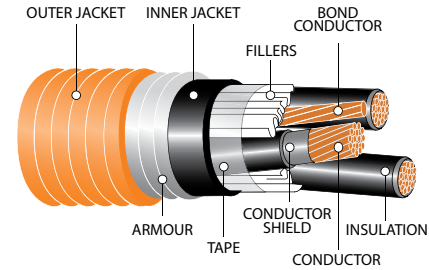
Part Number	No. of Cond.	AWG Size		Insulation Thickness		Approximate Diameter		Copper Content		Net Weight	
		Cond.	Ground Cond.	in.	mm	in.	mm.	LB/ MFT	KG/KM	LB/ MFT	KG/KM
24019-07-011	3	2/0	6	0.080	2.030	1.870	47.500	1342	1997	2880	4280
24019-15-011	3	4/0	4	0.080	2.030	2.080	52.900	2133	3174	4080	6080
24020-03-011	3	250	4	0.090	2.290	2.270	57.700	2498	3718	4790	7130
24020-11-011	3	350	3	0.090	2.290	2.500	63.500	2475	5171	6100	9080
24020-23-011	3	500	2	0.090	2.290	2.760	70.100	4891	7279	7900	11760

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

Vertical Riser Teck 5kV Non-Shielded

TRXLPE/PVC/GSIA/PVC



SPECIFICATIONS

- CSA FT1 & FT4
- CSA C22 No. 131 & 174
- ICEA
- OSHA

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare copper strand

Strand Shield: Thermoset semi-conducting strand shield extruded over the conductor

Insulation: Tree-Retardant Cross-linked Polyethylene (TRXLPE) Type RW90

Ground Conductor: Uninsulated stranded bare copper

Inner Jacket: Lead-free, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC) with raised ribs

Armour: Galvanized Steel Interlocked Armour (GSIA)

Outer Jacket: Lead-free, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

Options: Other sizes, colours and custom designs available upon request

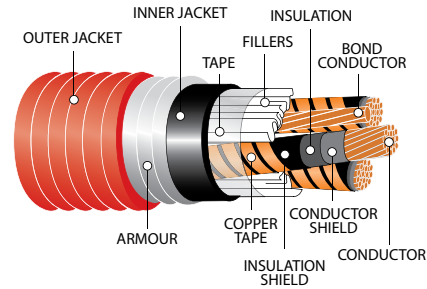
Part Number	No. of Cond.	AWG Size		Insulation Thickness		Approximate Diameter		Copper Content		Net Weight	
		Cond.	Ground Cond.	in.	mm	in.	mm.	LB/ MFT	KG/KM	LB/ MFT	KG/KM
24903-07-060	3	2/0	6	0.600	15.200	1.960	49.800	1343	1999	3060	4550
24903-12-060	3	4/0	4	0.700	17.800	2.180	55.400	2315	3445	4290	6380
24903-14-060	3	250	4	0.750	19.100	2.350	59.700	2469	3674	4990	7430
24903-15-060	3	350	3	0.850	21.800	2.590	65.800	3476	5173	6340	9430
24903-17-060	3	500	2	0.980	24.900	2.850	72.400	4837	7198	8130	12100

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

Vertical Riser Teck 15kV Shielded

TRXLPE/PVC/GSIA/PVC



SPECIFICATIONS

- CSA FT1 & FT4
- CSA C22 No. 131 & 174
- ICEA
- OSHA

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare copper Class B strand

Strand Shield: Thermoset semi-conducting strand shield extruded over the conductor

Insulation: Tree-Retardant Cross-linked Polyethylene (TRXLPE)

Insulation Shield: Semi-conducting thermosetting layer, applied in a triple extrusion process, plus a helically applied gapped copper tape

Ground Conductor: Uninsulated stranded bare copper

Inner Jacket: Lead-free, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC) with raised ribs

Armour: Galvanized Steel Interlocked Armour (GSIA)

Outer Jacket: Lead-free, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

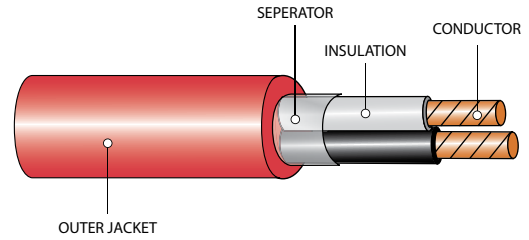
Options: Other sizes, colours and custom designs available upon request

Part Number	No. of Cond.	AWG Size		Insulation Thickness		Approximate Diameter		Copper Content		Net Weight	
		Cond.	Ground Cond.	in.	mm	in.	mm.	LB/ MFT	KG/KM	LB/ MFT	KG/KM
24904-04-030	3	2/0	6	0.870	22.100	2.900	73.700	1513	2251	5181	7709
24904-06-030	3	4/0	4	0.970	24.600	3.120	79.200	2321	3454	6392	9511
24904-07-030	3	250	4	1.010	25.700	3.270	83.100	2697	4013	7096	10559
24904-08-030	3	350	3	1.120	28.400	3.540	89.900	3692	5494	8674	12907
24904-10-030	3	500	3	1.230	31.200	3.800	96.500	5218	7764	10646	15841

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

Blasting Cable SOOW 600V EPDM/CPE



SPECIFICATIONS

- CSA FT2
- MSHA

*Refer to CE Code for details



CONSTRUCTION

Conductor: Stranded bare copper

Insulation: Ethylene Propylene Diene Monomer (EPDM)

Outer Jacket: Chlorinated Polyethylene (CPE), red

Options: Other sizes, colours and custom designs available upon request

Part Number	No. of Cond.	AWG Size		Insulation Thickness		Approximate Diameter		Copper Content		Net Weight	
		Cond.	Stranding	in.	mm	in.	mm.	LB/ MFT	KG/KM	LB/ MFT	KG/KM
01008-10-030	2	12	65/30	0.045	1.143	0.570	14.478	41	61	200	298
01010-13-030	2	10	104/30	0.045	1.143	0.625	15.875	62	92	252	375
02008-19-030	2	6	133/27	0.060	1.524	0.930	23.622	173	257	540	804

Note: All dimensions are nominal and are subject to normal manufacturing tolerance.
Specifications are subject to change without prior notice.

* Refer to CEC for Ampacity.

AWG to Metric Conversion Chart

AWG	mm ²	AWG	mm ²	AWG	mm ²
28	0.08	14	2.08	2	33.63
26	0.13	12	3.31	1	42.41
24	0.20	10	5.26	1/0	53.51
22	0.32	8	8.37	2/0	67.44
20	0.52	6	13.30	3/0	85.03
18	0.82	4	21.15	4/0	107.22
16	1.31	3	26.66	250	126.68

Length Conversions

From	To	Multiply By	From	To	Multiply By
Kilometers	Miles	0.6214	Miles	Kilometers	1.6093
Meters	Feet	3.2808	Yards	Meters	0.9144
Meters	Inches	39.3701	Feet	Meters	0.3048
Meters	Yards	1.0936	Feet	Centimeters	30.48
Centimeters	Inches	0.3937	Inches	Meters	0.0254
Centimeters	Feet	0.03281	Inches	Centimeters	2.54
Millimeters	Inches	0.03937	Inches	Millimeters	25.4
Millimeters	Mils	39.3701	Inches	Mils	1000.0
Mils	Inches	0.001	Mils	Millimeters	0.0254

Mass Conversions

From	To	Multiply By	From	To	Multiply By
Kilograms	Pounds	2.205	Pounds	Kilograms	0.4535
Kilograms	Short Tons	0.0011	Short Tons	Kilograms	907.1848
Grams	Grains	15.4323	Grains	Grams	0.0647
Grams	Ounces	0.0352	Ounces	Grams	28.3495

Length & Mass Conversions

From	To	Multiply By
KG/KM	LBS/MFT	0.6719
LBS/MFT	KG/KM	1.488

Temperature Conversions

From	To	Multiply By
Celsius	Fahrenheit	(°C x 9/5) + 32
Fahrenheit	Celsius	(°F - 32) x 5/9

Lined area for writing notes, consisting of multiple horizontal lines.

Our Value Added Services

Cable Management Program

- Competitive contract pricing
- Customer specified tagging requirements
- Customer specified reel sizes
- Custom cut lengths
- Long lengths capability
- Timely product releases
(reduces on-site storage space and costs)
- Product on-site scheduling
- Custom packing slips
- Bar coded product labels
- Weatherproof reel tags
- Expediting and progress reports

Specialized Technical Assistance

- Technical expertise on cable applications, installation procedures, ampacities, bending radii, terminations and cable selection

Customized Cable Solutions

- Special constructions built to customer specifications when requested

International Export Services

- Specialized export services, packaging, labeling, freight consolidation, customs advisory services and adherence to Incoterms 2010

Paralleling

- Offers a contractor a significant installation advantage in a single reel containing multiple phase conductors

Lagging

- A safe method of protecting cables that must be transported through rough terrain involving 2" x 4" lumber 'lags' which are fastened across the flanges encasing the cable reel

Pulling Eyes and Bolts

- A pulling line can be attached to the cable when requested to aid in the installation of cables into conduit, tray or duct

Just-In-Time (JIT)

- Just-in-time shipments to job sites across North America through our network of distribution warehouses
- Our stocking, cutting and shipment expertise ensure that your wire and cable requirements are satisfied and project delays eliminated

After Hours, Emergency Service

- We understand that our customers' needs don't always fall within the course of a normal business day, therefore we provide 24/7 service

Quality Service is Our
Source of Pride

Largest Stocked Inventory in Western Canada

Building Wire

- AC90 Armoured Cables
- Fire Alarm Cables
- ACWU Armoured Cables
- NMD90 / NMWU90 Cables
- Solid / Stranded Bare Copper
- RA90 / Armoured Cables CU / AL
- SIMpull Solutions®
- RW90 / RWU 90 CU / AL
- T90 CU / TW75 / TWH / TWU
- LVT

Connectors

- Armoured Cable Connectors
- Explosion-proof Connectors
- Strain Reliefs Metal & Nylon
- High Voltage Termination Kit
- Tray Cable Connectors

Control Cables

- Multiconductor
 - Armoured / Unarmoured
- Portable Control Cables
- Shielded Control Cables
- Custom Bundling / Armouring

Communication

- Computer Cables
- Inside / Outside Plant Wires
- Telephone Cables
- Plenum Cables
- Direct Burial

Data Cables

- Category 5E, 6, 6A, 7 Rated Cables
- Co-Axial / Twin-Axial Cables
- Ethernet Cables
- Network Cables
- Patch Cords (Copper / Fiber Optic)
- Armoured Data Cables

Electronic Cables

- Armoured Cables
- Audio / Visual Cables
- Broadcast Cables
- Low Capacitance Wires
- Plenum Wires
- Precision Video Wires
- Industrial Automation Cables
- Belden® Classics & NewGen

Fiber Optic Cables

- SM / MM
- Loose Tube, Tight Buffer
- Indoor / Outdoor / Riser / ADSS

- Armoured / Non-Armoured
- Hybrid Fiber
- Specialty XPRLTM / RLTM

Instrumentation Cables

- Armoured / Unarmoured
 - Interlocked Steel / Aluminum
- Multiconductor / Pairs / Triads
- Shielded / Unshielded

Marine Cables

- Boat Cables
- Shipboard Cables
- Offshore Rig / Marine Cables

Mining Cables

- Blasting Wires
- Mine Power Feeder Cables
- Portable Power Cables
 - Type W, G, GGC, SHDGC (2KV - 35 KV)
- Trailing Cables
- Cable Assemblies
- Vertical Riser Cables

Portable Cords

- High Temperature Cables
- Ultraflex™ Low Temperature Cords
- Ultraflex™ Extension Cords
- Retractable Cords
- Type: SJOOW, SOOW, SJTOW, STOW
- Welding Cables
- Stage Lighting
- Landscape Lighting
- Multiconductor

Power Cables

- ACSR / AAC Linewire
- High Voltage Power Cables
- Overhead Service (NS75 / NS90)
 - Duplex, Triplex, Quadruplex
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- Tray Cables
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- Underground Distribution
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- European Cables (CE & VDE approved)
- 2HR Fire Rated
- VITALink® Fire Resistive
- Teflon® Insulated Wires
- SIS Switchboard Wires

- TEW Equipment Wires
- TR64
- Low Smoke Zero Halogen Cables
- Milspec Hookup Wires
- Tracer Wires
- Utility Hydro Cables
- Split Loom
- Automotive Cables
- Variable Frequency Drive (VFD) Cables
- Thermocouple Wires
- Heat Trace Cables
- Grounding Cables

Specialty Cords / Cables

- Extra Flexible Portable Cables
- Parallel Conductor Cords
- Small Diameter Flexible Control (SDN)
- Traffic Signal Cables CLMTO / IMSA
- Trailer Cables
- Airport Lighting Cables
- Battery Cables
- Diesel Locomotive Cables
- Reeling Cables
- Pendant Cables / Festoon

Custom-Built Cables

- Made to Customer Specifications

Accessories

- Hardware, Lugs, Cable Ties
- 3M Accessories

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- Maxis® 3K Tugger
- Maxis® Grips™
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- SIMpull™ REEL
- SIMpull HEAD®
- SIMpull® Flange
- SIMpull™ Cradle
- GRIPit™
- A Frame

VALUE ADDED SERVICES

- Cable Management Program
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- 24/7 Emergency Shipping Service
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- Bundling / Armouring
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