



TEXCAN

A Sonepar Company

**BUILDING WIRE
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 carries a wide variety of both copper and aluminum building wire. Our building wire is available in multiple colours and construction types. Designed for applications that may involve wet or dry locations, building wire comes in armoured and non-armoured versions. Texcan's wide array of building wire provides safety and efficiency when installing in commercial and retail establishments such as low and high-rise offices as well as residential housing or apartment buildings.



Applications

Building wire is used to carry electricity into or within buildings and structures. It is utilized in the construction of most commercial, industrial and residential properties, including applications such as electrical wiring systems, power generators, motors and electrical lights.

As there are multiple building wire applications, there are also multiple building wire constructions. For example, ACWU and NMWU are well-suited for direct earth burial; however, ACWU wiring is also suitable for hazardous locations. Building wire is mainly used in power distribution applications, service entrance and branch circuit applications.

Specifications

- CSA FT1 & FT4
- CSA AG14
- CSA C22.2
- CSA C22.2 No.38
- CSA C22.2 No. 123-96
- CSA C22.2 No. 131
- CSA C22.2 No. 174
- CSA C22.2 No. 230
- CSA Class 5812 01
- CSA Class 5818 01
- Class II Divisions 1 & 2
- Class III Divisions 1 & 2
- UL 83
- UL1581
- IEEE 383 & 1202 (70,000 BTU/hr) Flame Test
- ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test
- ASTM Approved
- RoHS Compliant
- Lead Free
- OSHA Acceptable
- TC Approved

* Refer to CE Code for details

* Specifications pertain to individual products

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.

Building Wire

Texcan's building wire ranges from 300 to 1kV and consists of both copper and aluminum product lines, suitable for commercial or residential applications. Each building wire product is available in various constructions as outlined below:

Copper Building Wire

AC90 – CSA C22.2 No.51-95 certified. Solid or stranded bare copper conductor with Cross-Linked Polyethylene (XLPE) or PVC insulation and a bare solid or stranded copper bonding wire.

Bare Copper – ASTM certified. Soft, annealed solid or stranded bare copper conductor.

Green Ground – CSA FT4, CSA C22.2 No. 38 and TC approved for 1/0 AWG or larger. Compact or compressed stranded bare copper conductor with Cross-Linked Polyethylene (XLPE) insulation and green PVC jacket.

NMD90 – CSA FT1, CSA C22.2 No.48-M90 and RoHS compliant. Solid or stranded bare copper conductor with flame-retardant, PVC c/w Nylon sheath insulation or Cross-Linked Polyethylene (XLPE) insulation and PVC jacket.

NMWU – CSA FT1 and CSA C22.2 No.48. Annealed, soft copper with compressed or compact stranding conductor, PVC insulation and black PVC jacket.

RA90 – CSA FT4, AG14, CSA C22.2 No.123-96, RoHS compliant and lead free. Single copper conductor, Cross-Linked Polyethylene (XLPE) insulation and sunlight resistant, low-temperature, low acid and gas and low flame spread PVC jacket.

RW90 – CSA C22.2 No.38. Annealed Class B compressed solid or stranded soft drawn plain copper conductor. Heat and moisture resistant, low-temperature, Cross-Linked Polyethylene (XLPE) insulation. Rated at 600 volts.

RWU90 – CSA C22.2 No. 38. Annealed Class B compressed solid or stranded soft drawn plain copper conductor. Heat and moisture resistant, low-temperature, Cross-Linked Polyethylene (XLPE) insulation. Rated at 1000 volts.

T90 – CSA FT1, CSA C22.2 No. 75 and UL 83. Annealed solid or stranded, soft copper conductor, heat and moisture resistant PVC insulation and nylon jacket.

TW75 – CSA FT1, CSA C22.2 No.75 and lead free. Annealed solid or stranded, soft copper conductor with flame-retardant, heat and moisture resistant PVC insulation.

TWU – CSA FT1 and CSA C22.2 No.75-03. Annealed solid or stranded, soft copper conductor, flame-retardant, low-temperature and moisture resistant PVC insulation.



Aluminum Building Wire

AC90 – CSA C22.2 No.51. Bare ACM aluminum compact or compressed Class B strand conductor. RW90, Cross-Linked Polyethylene (XLPE) or PVC insulation and flexible interlocked aluminum armour.

ACWU – CSA FT4, CSA C22.2 No. 51 and 174, IEEE 1202 and 383, UL 1581, ICEA T-30-520 and OSHA acceptable. Bare ACM aluminum compact or compressed Class B strand conductor. Cross-Linked Polyethylene (XLPE) insulation, flexible interlocked aluminum armour and flame-retardant, moisture and sunlight resistant, black PVC jacket.

NMD90 – CSA FT1 and CSA C22.2 No.48. Bare ACM aluminum compact or compressed Class B strand conductor. Cross-Linked Polyethylene (XLPE) or PVC insulation, bare ACM aluminum ground (bonding) conductor and sunlight and moisture resistant PVC jacket.

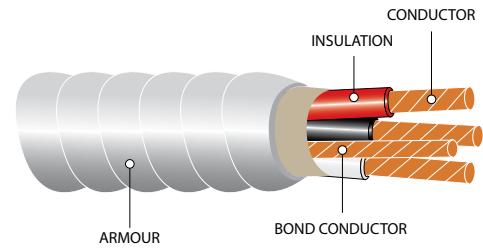
RA90 – CSA FT4. Bare ACM aluminum compact or compressed Class B strand conductor. Heat and moisture resistant, low-temperature, Cross-linked Polyethylene (XLPE) insulation, vapour tight solid corrugated aluminum sheath armour and flame-retardant, moisture and sunlight resistant PVC jacket overall.

RW90 – CSA C22.2 No.38. Bare ACM aluminum compact or compressed Class B strand conductor. Heat and moisture resistant, low-temperature, Cross-Linked Polyethylene (XLPE) insulation. Rated at 600 volts.

RWU90 – CSA C22.2 No.38. Bare ACM aluminum compact or compressed Class B strand conductor. Heat and moisture resistant, low-temperature, Cross-Linked Polyethylene (XLPE) insulation. Rated at 1000 volts.

AC90 Cable 600V

PVC or XLPE/AIA



SPECIFICATIONS

• CSA C22.2 No. 51

*Refer to CE Code for details



CONSTRUCTION

Conductor: Solid or stranded bare copper

Insulation: Cross-Linked Polyethylene (XLPE) Type RW90 or Polyvinyl Chloride (PVC)

Ground (Bonding) Conductor: Bare solid or stranded copper bonding wire

Armour: Flexible Aluminum Interlocked Armour (AIA)

Conductor Temperature: Low-temperature, -40°C to + 90°C

Options: Aluminum conductor or Galvanized Steel Interlocking Armour available upon request

2 CONDUCTOR

Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	LB/MFT	KG/KM
11022-01-000	2	14	14(1)	0.030	0.760	0.470	12.000	98	145
11022-04-000	2	12	14(1)	0.030	0.760	0.510	12.800	115	176
11022-07-000	2	10	12(1)	0.030	0.760	0.550	13.900	156	233

3 CONDUCTOR

Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	LB/MFT	KG/KM
11022-02-000	3	14	14(1)	0.030	0.760	0.490	12.500	115	170
11022-05-000	3	12	14(1)	0.030	0.760	0.530	13.400	145	215
11022-08-000	3	10	12(1)	0.030	0.760	0.570	14.600	195	290
11023-11-000	3	8	10(1)	0.045	1.140	0.750	19.100	340	505
11023-14-000	3	6	8(7)	0.045	1.140	0.840	21.300	475	705
11023-17-000	3	4	8(7)	0.045	1.140	0.950	24.100	650	965
11023-20-000	3	3	6(7)	0.045	1.140	1.000	25.400	800	1195
11023-23-000	3	2	6(7)	0.045	1.140	1.106	26.900	950	1410

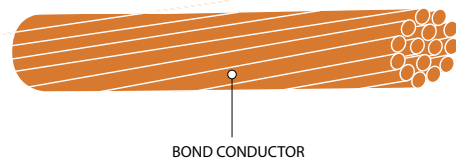
4 CONDUCTOR

Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	LB/MFT	KG/KM
11022-03-000	4	14	14(1)	0.030	0.760	0.520	13.300	137	203
11022-06-000	4	12	14(1)	0.030	0.760	0.560	14.300	175	260
11022-09-000	4	10	12(1)	0.030	0.760	0.620	15.600	239	355

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

Bare Copper Conductor



SPECIFICATIONS

• ASTM

*Refer to CE Code for details

CONSTRUCTION

Conductor: Soft, annealed solid or stranded bare copper

Options: Various tempers such as medium or hard drawn upon request

Tinned available in select AWG sizes

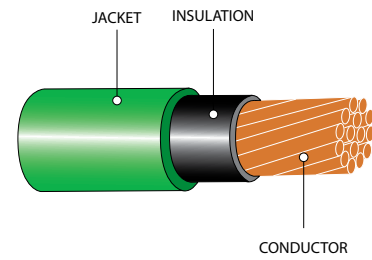
Part Number	AWG Size	Number of Strands	Individual Wire Diameter (in.)	Net Weight	
				LB/MFT	KG/KM
25035-05-000	14	Solid	0.064	13	19
25035-07-000	10	Solid	0.102	31	46
25035-08-000	8	Solid	0.129	49	73
25035-09-000	6	Solid	0.162	70	104
25035-10-000	4	Solid	0.202	126	188
25042-05-000	14	7	0.071	14	21
25042-06-000	12	7	0.089	20	30
25042-07-000	10	7	0.113	32	48
25042-08-000	8	7	0.142	51	76
25042-09-000	6	7	0.178	81	121
25042-10-000	4	7	0.225	129	192
25042-11-000	3	7	0.252	167	249
25042-12-000	2	7	0.283	205	305
25040-11-000	1	19	0.322	259	385
25040-14-000	1/0	19	0.362	326	485
25040-15-000	2/0	19	0.405	411	612
25040-16-000	3/0	19	0.456	518	771
25040-17-000	4/0	19	0.512	643	957
25040-18-000	250	37	0.558	772	1149

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

Green Ground Cable 1000V

XLPE/PVC



SPECIFICATIONS

- CSA FT4
- CSA C22.2 No. 38 & 230
- T.C. Approved**

*Refer to CE Code for details

**1/0 AWG & larger



CONSTRUCTION

Conductor: Compact or compressed stranded bare copper

Insulation: Flame-retardant (FR) Cross Linked Polyethylene (XLPE) Type RW90

Outer Jacket: -40°C to + 90°C wet, 90°C dry, Polyvinyl Chloride (PVC), green

Options: Other sizes and constructions available upon request

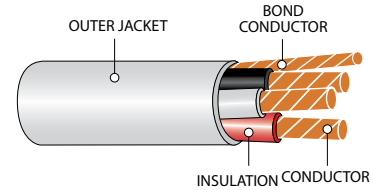
Part Number	AWG Size	Insulation Thickness		Approximate Diameter		Net Weight		Minimum Bend Radius (in)
		in.	mm.	in.	mm.	LB/MFT	KG/KM	
12705-01-053	6 (7)	0.060	1.524	0.371	9.423	127	189	4.500
12706-01-053	4 (7)	0.060	1.524	0.420	10.668	140	209	4.500
12707-01-053	2 (7)	0.060	1.524	0.457	11.608	273	406	5.500
12710-01-053	2/0 (19)	0.080	2.032	0.638	16.205	536	798	7.750
12712-01-053	4/0 (19)	0.080	2.032	0.739	18.771	813	1210	9.000

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

NMD90 Nylon Cable 300V

PVC or XLPE/PVC



SPECIFICATIONS

- CSA FT1
- CSA C22.2 No. 48-M90
- RoHS Compliant

*Refer to CE Code for details



CONSTRUCTION

Conductor: Solid or stranded bare copper

Insulation: Flame-retardant (FR) Polyvinyl Chloride (PVC) c/w Nylon sheath insulation or Cross Linked Polyethylene (XLPE) Type RW90

Ground (Bonding) Conductor: Bare solid or stranded copper bonding wire

Outer Jacket: Flame-retardant (FR) and moisture resistant Polyvinyl Chloride (PVC)

Note: Outer colour jackets specific to AWG size and application

Options: Aluminum construction available upon request

2 CONDUCTOR

Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	LB/MFT	KG/KM
11015-01-000	2	14	14(1)	0.030	0.760	0.19 x 38	4.8 x 9.7	65	96
11015-03-000	2	12	14(1)	0.030	0.760	0.21 x 41	5.3 x 10.4	83	123
11015-05-000	2	10	12(1)	0.030	0.760	0.23 x 47	5.8 x 11.9	120	178
11016-04-030*	2	8	10 (1)	1.140	0.045	8.4 x 17.0	0.33 x 0.67	212	315
11016-05-030*	2	6	8 (7)	1.140	0.045	9.6 x 20.5	0.38 x 0.81	335	500
11016-06-030*	2	4	8 (7)	1.140	0.045	19.500	0.770	435	650
11016-07-030*	2	3	6 (7)	1.140	0.045	21.900	0.860	575	860
11016-08-030*	2	2	6 (7)	1.140	0.045	23.500	0.930	675	1010

3 CONDUCTOR

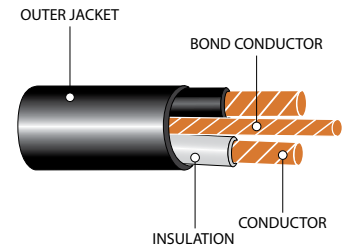
Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	LB/MFT	KG/KM
11015-02-000	3	14	14(1)	0.030	0.760	0.340	8.700	83	123
11015-04-000	3	12	14(1)	0.030	0.760	0.360	9.100	104	155
11015-06-000	3	10	12(1)	0.030	0.760	0.400	10.200	150	223
11015-08-000	3	8	10(1)	0.035	0.890	0.610	15.500	275	418
11015-10-000	3	6	8(7)	0.045	1.140	0.900	22.800	400	600
11015-14-000	3	3	6(7)	0.045	1.140	0.920	23.400	775	1150
11015-16-000	3	2	6(7)	0.045	1.140	0.990	25.000	920	1370

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
*Part number incorporates a red jacket

NMWU90 Cable 300V

PVC/PVC



SPECIFICATIONS

- CSA FT1
- CSA C22.2 No. 48

*Refer to CE Code for details



CONSTRUCTION

Conductor: Annealed, soft, copper with compressed or compact stranding

Insulation: Polyvinyl Chloride (PVC)

Ground (Bonding) Conductor: Bare solid or stranded copper bonding wire

Outer Jacket: Moisture & sunlight resistant Polyvinyl Chloride (PVC), black, 60°C

Options: Long lengths available upon request

2 CONDUCTOR

Part Number	No. of Conductors	AWG Size		Insulation Thickness		Jacket Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	in.	mm.	LB/MFT	KG/KM
11017-01-000	2	14 (1)	14 (1)	0.060	1.520	0.030	0.760	0.25x0.50	6.3x12.7	95	142
11017-03-000	2	12 (1)	14 (1)	0.060	1.520	0.030	0.760	0.27x0.53	6.8x13.6	117	173
11017-05-000	2	10 (1)	12 (1)	0.060	1.520	0.030	0.760	0.29x0.59	7.3x15.1	157	234
11017-07-000	2	8 (7)	10 (1)	0.075	1.910	0.045	1.140	0.39x0.79	9.9x20.0	270	402
11017-09-000	2	6 (7)	10 (1)	0.090	2.290	0.045	1.140	0.46x0.92	11.6x23.5	379	565

3 CONDUCTOR

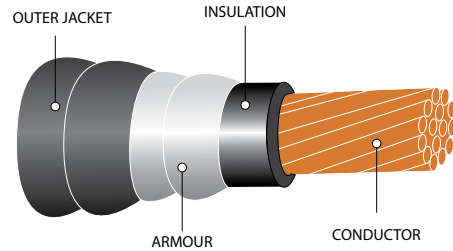
Part Number	No. of Conductors	AWG Size		Insulation Thickness		Jacket Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	in.	mm.	LB/MFT	KG/KM
11017-02-000	3	14 (1)	14 (1)	0.060	1.520	0.030	0.760	0.470	11.900	122	181
11017-04-000	3	12 (1)	14 (1)	0.060	1.520	0.030	0.760	0.500	12.800	152	227
11017-06-000	3	10 (1)	12 (1)	0.060	1.520	0.030	0.760	0.550	13.900	205	306
11017-08-000	3	8 (7)	10 (1)	0.075	1.910	0.045	1.140	0.730	18.600	351	523
11017-10-000	3	6 (7)	10 (1)	0.090	2.290	0.045	1.140	0.880	22.300	505	752
11017-16-000	3	2 (7)	8 (7)	0.090	2.290	0.080	2.030	1.170	29.800	1069	1591

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

RA90 Armoured Cable 600V

XLPE/Corrugated Armour/PVC



SPECIFICATIONS

- CSA FT4 & AG14
- CSA C22.2 No. 123-96
- Class II Divisions 1 & 2
- Class III Divisions 1 & 2
- RoHS Compliant
- Lead Free

*Refer to CE Code for details



CONSTRUCTION

Conductor: Soft, annealed copper

Insulation: Cross-Linked Polyethylene (XLPE) Type RW90

Armour: Vapour tight, solid corrugated aluminum sheath

Outer Jacket: Sunlight resistant, low-temperature, low acid gas and low flame spread Polyvinyl Chloride (PVC)

Options: Other coloured outer jacket and non-jacketed constructions available upon request
Aluminum conductor available upon request

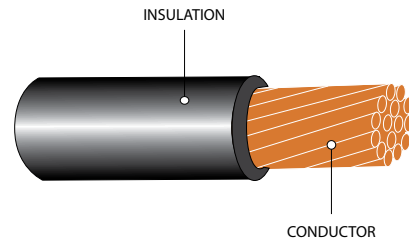
Part Number	AWG Size	Approximate Diameter		Minimum Bending Radius		Net Weight	
		in.	mm.	in.	mm.	LB/MFT	KG/KM
21023-03-010	1/0 (19)	0.750	18.900	8	170	496	737
21023-05-010	3/0 (19)	0.900	22.900	9	210	744	1107
21023-06-010	4/0 (19)	0.930	23.700	9	215	887	1320
21023-07-010	250 (37)	1.060	26.900	10	254	1045	1555
21023-09-010	350 (37)	1.140	28.900	10	260	1380	2052
21023-12-010	500 (37)	1.310	33.300	12	305	1944	2892
21010-13-010	600 (61)	1.480	37.600	14	356	2330	3467
21023-14-010	750 (61)	1.640	41.700	15	381	2885	4293
21023-16-010	1000 (61)	1.780	45.200	17	432	3725	5543

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

RW90 Cable 600V

XLPE



SPECIFICATIONS

• CSA C22.2 No. 38

*Refer to CE Code for details



CONSTRUCTION

Conductor: Annealed Class B compressed solid or stranded soft drawn plain copper

Insulation: Heat and moisture resistant, low temperature Cross-Linked Polyethylene (XLPE) Type RW90, -40°C to +90°C

Options: Multiple coloured insulations and aluminum conductor available upon request

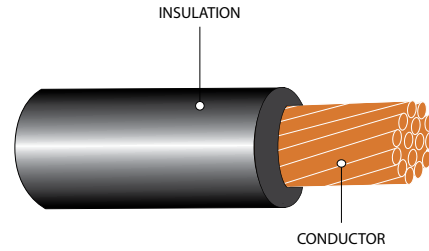
Part Number	AWG Size	Insulation Thickness		Approximate Diameter		Copper Content		Net Weight	
		in.	mm.	in.	mm.	LB/MFT	KG/KM	LB/MFT	KG/KM
11001-01-010	14 (1)	0.030	0.760	0.120	3.050	12	18	16	23
11001-02-010	12 (1)	0.030	0.760	0.140	3.560	12	18	24	36
11001-03-010	10 (1)	0.030	0.760	0.160	4.060	20	30	36	54
11001-04-010	14 (7)	0.030	0.760	0.130	3.300	20	30	16	24
11001-05-010	12 (7)	0.030	0.760	0.150	3.810	31	46	25	38
11001-06-010	10 (7)	0.030	0.760	0.170	4.320	32	48	38	57
11001-13-010	8 (7)	0.045	1.140	0.230	5.840	50	74	62	93
11001-14-010	6 (7)	0.045	1.140	0.270	6.860	78	116	93	139
11001-15-010	4 (7)	0.045	1.140	0.320	8.130	129	192	149	221
11001-16-010	3 (7)	0.045	1.140	0.340	8.640	163	243	184	274
11001-17-010	2 (7)	0.045	1.140	0.370	9.400	200	298	224	334
11001-18-010	1 (19)	0.055	1.400	0.430	10.920	258	384	289	430
11001-19-010	1/0 (19)	0.055	1.400	0.470	11.940	326	485	361	538
11001-20-010	2/0 (19)	0.055	1.400	0.520	13.210	411	612	451	672
11001-21-010	3/0 (19)	0.055	1.400	0.570	14.480	507	754	553	823
11001-22-010	4/0 (19)	0.055	1.400	0.620	15.750	635	945	686	1021
11001-23-010	250 (37)	0.065	1.650	0.690	17.530	772	1149	836	1244
11001-24-010	300 (37)	0.065	1.650	0.740	18.796	926	1378	996	1483
11001-25-010	350 (37)	0.065	1.650	0.790	20.070	1063	1582	1140	1696
11001-26-010	400 (37)	0.065	1.650	0.840	21.230	1235	1838	1318	1961
11001-28-010	500 (37)	0.065	1.650	0.920	23.370	1509	2245	1603	2386
11001-31-010	750 (61)	0.800	2.030	1.130	28.700	2316	3446	2453	3650
11001-32-010	1000 (61)	0.800	2.030	1.280	32.510	3088	4595	3250	4835

Refer to CEC for Ampacity

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

RWU90 Cable 1000V

XLPE



SPECIFICATIONS

• CSA C22.2 No. 38

*Refer to CE Code for details



CONSTRUCTION

Conductor: Annealed class B compressed stranded soft drawn plain copper

Insulation: Heat and moisture resistant, low-temperature Cross-Linked Polyethylene (XLPE) Type RW90, -40°C to +90°C

Options: Solid conductor and multiple colored insulations available upon request
PVC jacket (FT1 Rating) and aluminum conductor available upon request

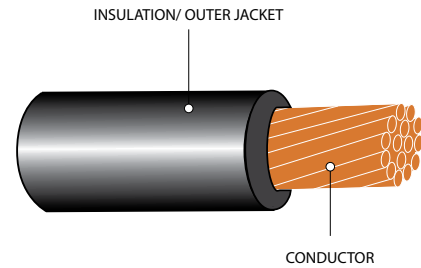
Part Number	AWG Size	Insulation Thickness		Approximate Diameter		Copper Content		Net Weight	
		in.	mm.	in.	mm.	LB/MFT	KG/KM	LB/MFT	KG/KM
11002-04-010	14 (7)	0.060	1.520	0.190	4.900	12	18	23	34
11002-05-010	12 (7)	0.060	1.520	0.210	5.400	20	30	32	48
11002-06-010	10 (7)	0.060	1.520	0.240	6.000	32	48	46	69
11002-07-010	8 (7)	0.080	2.030	0.310	7.800	50	74	76	112
11002-08-010	6 (7)	0.080	2.030	0.350	8.800	78	116	110	164
11002-09-010	4 (7)	0.080	2.030	0.390	10.000	129	192	164	243
11002-10-010	3 (7)	0.080	2.030	0.420	10.600	163	243	201	298
11002-11-010	2 (7)	0.080	2.030	0.450	11.400	200	298	247	367
11002-12-010	1 (19)	0.095	2.410	0.520	13.200	258	384	313	466
11002-13-010	1/0 (19)	0.095	2.410	0.550	13.900	326	485	384	572
11002-14-010	2/0 (19)	0.095	2.410	0.590	15.000	411	612	480	715
11002-15-010	3/0 (19)	0.095	2.410	0.640	16.200	507	754	590	878
11002-16-010	4/0 (19)	0.095	2.410	0.690	17.600	635	945	732	1089
11002-17-010	250 (37)	0.110	2.790	0.770	19.500	772	1149	874	1300
11002-18-010	300 (37)	0.110	2.790	0.840	21.400	926	1378	10.38	1544
11002-19-010	350 (37)	0.110	2.790	0.860	21.900	1063	1582	1193	1775
11002-22-010	500 (37)	0.110	2.790	0.990	25.200	1509	2245	1687	2510
11002-23-010	600 (61)	0.125	3.170	1.230	31.300	1883	2802	2505	3728
11002-24-010	750 (61)	0.125	3.170	1.230	31.300	2316	3446	2505	3728

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

T90 Nylon Cable 600V

PVC/Nylon



SPECIFICATIONS

- CSA FT1
- CSA C22.2 No. 75
- UL 83

*Refer to CE Code for details



CONSTRUCTION

Conductor: Annealed solid or stranded, soft copper

Insulation: Heat and moisture resistant Polyvinyl Chloride (PVC) and Nylon covering with a maximum operating temperature of 90°C (60°C when exposed to oil)

Options: Other coloured outer jacket and constructions available upon request

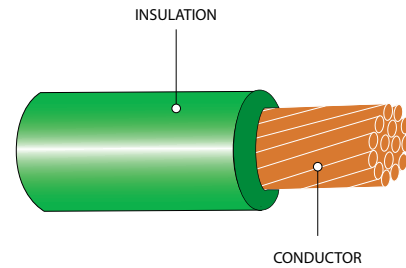
Part Number	AWG Size	Insulation Thickness		Jacket Thickness		Approximate Diameter		Net Weight	
		in.	mm.	in.	mm.	in.	mm.	LB/MFT	KG/KM
11009-01-010	14 (1)	0.015	0.380	0.004	0.100	0.102	2.590	15	23
11009-02-010	12 (1)	0.015	0.380	0.004	0.100	0.119	3.020	23	34
11009-03-010	10 (1)	0.020	0.510	0.004	0.100	0.150	3.810	37	55
11009-04-010	14 (19)	0.015	0.380	0.004	0.100	0.109	2.770	16	23
11009-05-010	12 (19)	0.015	0.380	0.004	0.100	0.128	3.250	24	36
11009-06-010	10 (19)	0.020	0.510	0.004	0.100	0.161	4.090	38	57
11009-07-010	8 (19)	0.030	0.760	0.005	0.130	0.213	5.410	63	93
11009-08-010	6 (19)	0.030	0.760	0.005	0.130	0.249	6.320	95	141
11009-09-010	4 (19)	0.040	1.020	0.006	0.150	0.318	8.080	152	227
11009-10-010	3 (19)	0.040	1.020	0.006	0.150	0.346	8.790	189	281
11009-11-010	2 (19)	0.040	1.020	0.006	0.150	0.378	9.600	234	349
11009-12-010	1 (19)	0.050	1.270	0.007	0.180	0.435	11.000	299	446
11009-13-010	1/0 (19)	0.050	1.270	0.007	0.180	0.474	12.000	372	553
11009-14-010	2/0 (19)	0.050	1.270	0.007	0.180	0.518	13.200	462	687
11009-15-010	3/0 (19)	0.050	1.270	0.007	0.180	0.568	14.400	575	856
11009-16-010	4/0 (19)	0.050	1.270	0.007	0.180	0.624	15.800	718	1068
11009-17-010	250 (37)	0.060	1.520	0.008	0.200	0.694	17.600	851	1266
11009-19-010	350 (37)	0.060	1.520	0.008	0.200	0.797	20.200	1174	1747
11009-21-010	500 (37)	0.060	1.520	0.008	0.200	0.926	23.500	1655	2462

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

TW75 Cable 600V

PVC



SPECIFICATIONS

- CSA FT1
- CSA C22.2 No. 75
- Lead Free

*Refer to CE Code for details



CONSTRUCTION

Conductor: Annealed solid or stranded, soft copper

Insulation: Flame-retardant (FR), heat and moisture resistant Polyvinyl Chloride (PVC)

Options: Multiple coloured outer jacket and constructions available upon request

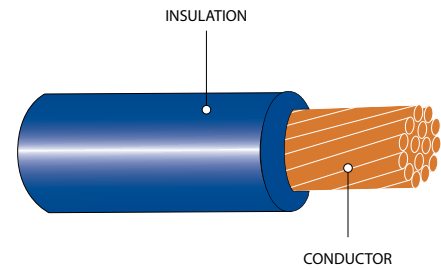
Part Number	AWG Size	Insulation Thickness		Approximate Diameter		Net Weight	
		in.	mm.	in.	mm.	LB/MFT	KG/KM
11005-01-050	14 (1)	0.030	0.762	0.126	3.200	18	27
11005-03-010	10 (1)	0.030	0.762	0.126	3.200	38	58
11005-05-010	12 (7)	0.030	0.762	0.154	3.912	27	41
11005-06-010	10 (7)	0.030	0.762	0.178	4.521	40	61
11005-07-010	8 (7)	0.045	1.143	0.276	7.010	66	99
11005-08-010	6 (7)	0.060	1.524	0.290	7.366	106	159
11005-09-010	4 (7)	0.060	1.524	0.325	8.255	159	237
11005-10-010	3 (7)	0.060	1.524	0.360	9.144	196	293
11005-11-010	2 (7)	0.060	1.524	0.390	9.906	243	362
11005-12-010	1 (19)	0.080	2.032	0.495	12.573	325	484
11005-13-010	1/0 (19)	0.080	2.032	0.536	13.614	399	595
11005-14-050	2/0 (19)	0.080	2.032	0.582	14.783	493	734
11005-15-050	3/0 (19)	0.080	2.032	0.633	16.078	610	908
11005-16-050	4/0 (19)	0.080	2.032	0.691	17.551	756	1126

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

TWU Cable 600V

PVC



SPECIFICATIONS

- CSA FT1
- CSA C22.2 No. 75-03

*Refer to CE Code for details



CONSTRUCTION

Conductor: Annealed solid or stranded, soft copper

Insulation: Flame-retardant (FR), low-temperature, moisture resistant Polyvinyl Chloride (PVC)

Options: Other coloured outer jacket and constructions available upon request

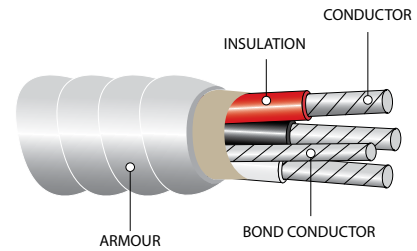
Part Number	AWG Size	Insulation Thickness		Approximate Diameter		Net Weight	
		in.	mm.	in.	mm.	LB/MFT	KG/KM
11006-01-010	14 (1)	0.060	1.520	0.190	4.700	26	39
11006-06-010	10 (7)	0.060	1.520	0.210	5.400	37	55
11006-07-010	8 (7)	0.080	2.030	0.310	7.800	85	126
11006-08-010	6 (7)	0.080	2.030	0.340	8.700	121	180
11006-09-010	4 (7)	0.080	2.030	0.390	9.900	177	263
11006-11-010	2 (7)	0.080	2.030	0.450	11.400	263	392
11006-13-010	1/0 (19)	0.095	2.410	0.550	13.900	407	606
11006-14-010	2/0 (19)	0.095	2.410	0.590	15.000	506	753
11006-16-010	4/0 (19)	0.095	2.410	0.700	17.600	764	1137

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

AC90 Armoured Cable 600V

PVC or XLPE/AIA



SPECIFICATIONS

• CSA C22.2 No.51

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare ACM aluminum compact or compressed Class B strand

Insulation: Cross-Linked Polyethylene (XLPE) Type RW90 or Polyvinyl Chloride (PVC)

Ground (Bonding) Conductor: Bare solid or stranded aluminum bonding wire

Armour: Aluminum Interlocked Armour (AIA)

Conductor Temperature: Low-temperature, -40°C to + 90°C

Options: Copper conductor or Galvanized Steel Interlocking Armour (GSIA) available upon request

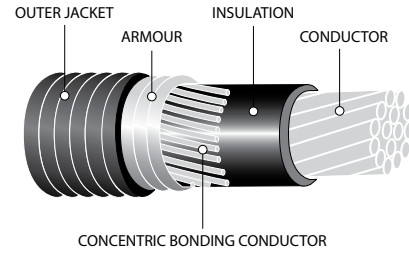
3 CONDUCTOR

Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	LB/MFT	KG/KM
28010-06-003	3	6	8(7)	0.045	1.140	0.810	20.600	255	380
28010-08-003	3	4	6(7)	0.045	1.140	0.910	23.100	330	490
28010-10-003	3	2	6(7)	0.045	1.140	1.020	25.900	430	640
28010-11-003	3	1	4(7)	0.055	1.400	1.140	28.900	530	785
28010-12-003	3	1/0	4(7)	0.055	1.400	1.220	31.000	605	905
28010-13-003	3	2/0	4(7)	0.055	1.400	1.300	33.000	710	1055

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

ACWU90 Cable 600V XLPE/AIA/PVC



SPECIFICATIONS

- CSA FT4
- CSA C22.2 No. 51 & 174
- IEEE 1202 & 383
- UL 1581
- ICEA T-30-520
- OSHA Acceptable

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare ACM aluminum compact or compressed Class B strand

Insulation: Cross-Linked Polyethylene (XLPE) Type RW90

Ground (Bonding) Conductor: Stranded bare aluminum

Armour: Aluminum Interlocked Armour (AIA)

Outer Jacket: Flame-retardant (FR), moisture and sunlight resistant Polyvinyl Chloride (PVC), black

Options: Other coloured outer jacket and constructions available upon request

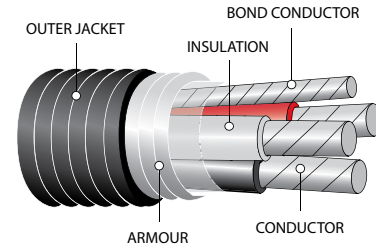
SINGLE CONDUCTOR

Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter (Over)						Aluminum Weight		Net Weight	
		Cond.	Bond Wire	in.	mm.	Insulation		Armour		Cable		LB/MFT	KG/KM	LB/MFT	KG/KM
						in.	mm.	in.	mm.	in.	mm.				
21001-06-010	1	4/0	2	0.055	1.400	0.591	15.010	0.940	23.880	1.036	26.310	197	388	504	750
21001-07-010	1	250	1	0.065	1.650	0.658	16.710	1.007	25.580	1.103	28.020	233	346	600	893
21001-09-010	1	350	1/0	0.065	1.650	0.754	19.150	1.103	28.020	1.199	30.450	326	485	745	1107
21001-12-010	1	500	2/0	0.065	1.650	0.872	22.150	1.221	31.010	1.317	33.450	467	395	952	1417
21001-13-010	1	600	2/0	0.080	2.030	0.985	25.020	1.334	33.880	1.430	36.320	560	833	1099	1635
21001-14-010	1	750	3/0	0.080	2.030	1.080	27.430	1.429	36.300	1.525	38.740	700	1042	1305	1942
21001-16-010	1	1000	3/0	0.080	2.030	1.230	31.420	1.667	42.340	1.779	45.190	935	1392	1704	2536

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

ACWU90 Cable 600V XLPE/AIA/PVC



SPECIFICATIONS

- CSA FT4
- CSA C22.2 No. 51 & 174
- IEEE 1202 & 383
- UL 1581
- ICEA T-30-520
- OSHA Acceptable

*Refer to CE Code for details



CONSTRUCTION

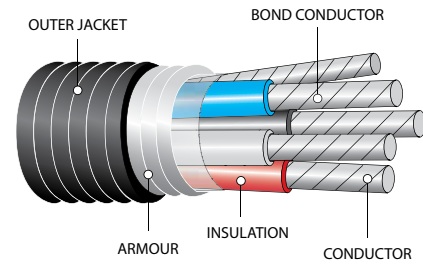
- Conductor:** Bare ACM aluminum compact or compressed Class B strand
- Insulation:** Cross-Linked Polyethylene (XLPE) Type RW90
- Ground (Bonding) Conductor:** Stranded bare aluminum
- Armour:** Aluminum Interlocked Armour (AIA)
- Outer Jacket:** Flame-retardant (FR), moisture and sunlight resistant Polyvinyl Chloride (PVC), black
- Options:** Other coloured outer jacket and constructions available upon request

3 CONDUCTOR															
Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter (Over)						Aluminum Weight		Net Weight	
		Cond.	Bond Wire	Insulation		Insulation		Armour		Cable		LB/MFT	kKG/KM	LB/MFT	KG/KM
				in.	mm.	in.	mm.	in.	mm.	in.	mm.				
21002-02-010	3	6	8	0.045	1.140	0.266	6.760	0.783	19.890	0.879	22.330	92	137	325	484
21002-03-010	3	4	6	0.045	1.140	0.310	7.870	0.91	23.100	1.020	25.900	145	216	415	618
21002-05-010	3	2	6	0.045	1.140	0.365	9.270	0.997	25.320	1.093	27.760	213	317	530	789
21002-06-010	3	1	4	0.055	1.400	0.415	10.540	1.140	28.900	1.248	31.700	270	409	632	941
21002-07-010	3	1/0	4	0.055	1.400	0.418	10.620	1.111	28.220	1.207	30.660	275	410	637	948
21002-08-010	3	2/0	4	0.055	1.400	0.496	12.600	1.279	32.490	1.375	34.930	415	618	850	1265
21002-09-010	3	3/0	4	0.055	1.400	0.543	13.790	1.380	35.050	1.476	37.490	513	763	996	1482
21002-10-010	3	4/0	4	0.055	1.400	0.593	15.060	1.488	37.800	1.584	40.230	636	947	1161	1728
21002-11-010	3	250	2	0.065	1.650	0.662	16.810	1.727	43.870	1.839	46.710	770	1146	1493	2222
21002-13-010	3	350	2	0.065	1.650	0.757	19.230	1.931	49.050	2.043	51.890	1050	1562	1885	2805
21002-15-010	3	500	1	0.065	1.650	0.878	22.300	2.192	55.680	2.304	58.520	1494	2223	2485	3698
21002-16-010	3	600	1	0.080	2.030	0.984	24.990	2.424	61.570	2.563	65.100	1791	2665	3035	4516
21002-17-010	3	750	1/0	0.080	2.030	1.077	27.360	2.621	66.570	2.763	70.180	2221	3305	3597	5353

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

ACWU90 Cable 600V XLPE/AIA/PVC



SPECIFICATIONS

- CSA FT4
- CSA C22.2 No. 51 & 174
- IEEE 1202 & 383
- UL 1581
- ICEA T-30-520
- OSHA Acceptable

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare ACM aluminum compact or compressed Class B strand

Insulation: Cross-Linked Polyethylene (XLPE) Type RW90

Ground (Bonding) Conductor: Stranded bare aluminum

Armour: Aluminum Interlocked Armour (AIA)

Outer Jacket: Flame-retardant (FR), moisture and sunlight resistant Polyvinyl Chloride (PVC), black

Options: Other coloured outer jacket and constructions available upon request

4 CONDUCTOR

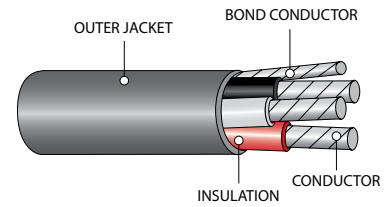
Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter (Over)						Aluminum Weight		Net Weight	
		Cond.	Bond Wire	in.	mm.	Insulation		Armour		Cable		LB/MFT	KG/KM	LB/MFT	KG/KM
						in.	mm.	in.	mm.	in.	mm.				
21003-02-010	4	6	8	0.045	1.140	0.270	6.850	0.890	22.600	1.010	25.600	100	145	392	583
21003-03-010	4	4	6	0.045	1.140	0.365	9.270	1.091	27.710	1.187	30.150	275	410	634	943
21003-05-010	4	2	6	0.045	1.140	0.415	10.540	1.000	25.400	1.130	28.700	150	220	520	774
21003-06-010	4	1	4	0.055	1.400	0.418	10.620	1.219	30.960	1.315	33.400	364	542	772	1149
21003-07-010	4	1/0	4	0.055	1.400	0.456	11.580	1.311	33.300	1.407	35.740	435	648	889	1323
21003-08-010	4	2/0	4	0.055	1.400	0.496	12.600	1.407	35.740	1.503	38.180	540	804	1037	1543
21003-09-010	4	3/0	4	0.055	1.400	0.543	13.790	1.611	40.920	1.723	43.760	671	998	1337	1990
21003-10-010	4	4/0	4	0.055	1.400	0.593	15.060	1.732	43.990	1.844	46.840	835	1243	1556	2316
21003-11-010	4	250	2	0.065	1.650	0.662	16.810	1.898	48.210	2.010	51.050	1006	1497	1836	2732
21003-13-010	4	350	2	0.065	1.650	0.757	19.230	2.127	54.030	2.239	56.870	1379	2052	2335	3475
21003-15-010	4	500	1	0.065	1.650	0.878	22.300	2.419	61.440	2.561	65.050	1966	2925	3165	4710
21003-17-010	4	750	1/0	0.080	2.030	1.077	27.360	2.900	73.660	3.042	77.270	2929	4358	4482	6670

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

NMD90 Cable 300V

PVC or XLPE/PVC



SPECIFICATIONS

- CSA FT1
 - CSA C22.2 No. 48
- *Refer to CE Code for details



CONSTRUCTION

- Conductor:** Bare ACM aluminum compact or compressed Class B strand
- Insulation:** Cross-Linked Polyethylene (XLPE) Type RW90 or Polyvinyl Chloride (PVC)
- Ground (Bonding) Conductor:** Bare ACM aluminum compact or compressed Class B strand
- Outer Jacket:** Sunlight and moisture resistant Polyvinyl Chloride (PVC)
- Options:** Other coloured outer jacket and copper conductor available upon request

3 CONDUCTOR

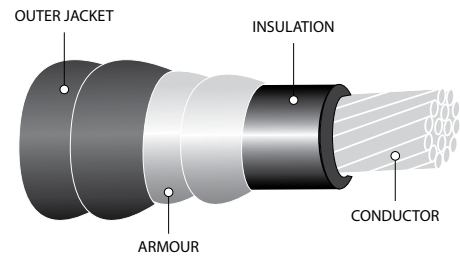
Part Number	No. of Conductors	AWG Size		Insulation Thickness		Approximate Diameter		Net Weight	
		Cond.	Bond Wire	in.	mm.	in.	mm.	LB/MFT	KG/KM
28005-07-090	3	6	8	0.045	1.140	0.666	16.920	277	412
28005-08-000	3	4	6	0.045	1.140	0.812	20.620	417	621
28005-10-000	3	2	6	0.045	1.140	0.952	24.180	608	905

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

RA90 Armoured Cable 600V

XLPE/Corrugated Aluminum/PVC



SPECIFICATIONS

- CSA FT4 & AG14
- CSA C22.2 No. 123-96
- Class II Divisions 1 & 2
- Class III Divisions 1 & 2
- RoHS Compliant
- Lead Free

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare ACM aluminum compact or compressed Class B strand

Insulation: Cross-Linked Polyethylene (XLPE) Type RW90

Armour: Vapour tight solid corrugated aluminum sheath

Outer Jacket: Sunlight resistant, low-temperature, low acid gas and low flame spread Polyvinyl Chloride (PVC), black

Options: Other coloured outer jacket and non-jacketed constructions available upon request
Copper conductor available upon request.

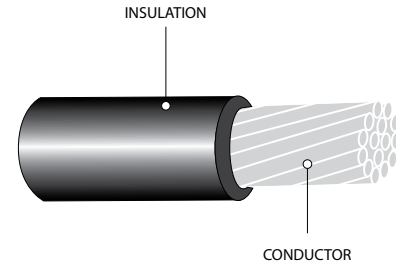
Part Number	AWG Size	Approximate Diameter		Minimum Bending Radius		Net Weight	
		in.	mm.	in.	mm.	LB/MFT	KG/KM
21010-06-010	4/0 (18)	0.920	23.400	9	229	430	640
21010-07-010	250 (35)	1.060	26.900	10	254	510	759
21010-09-010	350 (35)	1.100	27.900	10	254	625	930
21010-12-010	500 (35)	1.300	33.000	12	305	861	1281
21010-13-010	600 (58)	1.480	37.600	14	356	1040	1548
21010-14-010	750 (58)	1.510	38.300	14	360	1211	1802
21010-16-010	1000 (58)	1.710	43.500	15	381	1584	2358

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

RW90 Cable 600V

XLPE



SPECIFICATIONS

• CSA C22.2 No. 38

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare ACM aluminum compact or compressed Class B strand

Insulation: Heat and moisture resistant low-temperature Cross-Linked Polyethylene (XLPE) Type RW90, -40°C

Options: Other coloured insulations and copper conductor available upon request

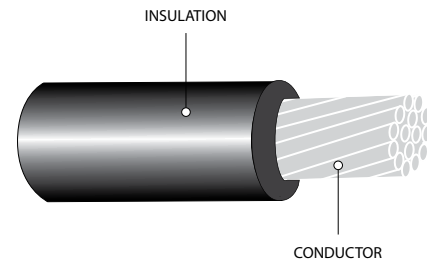
Part Number	AWG Size	Insulation Thickness		Approximate Diameter		Aluminum Content		Net Weight	
		in.	mm.	in.	mm.	LB/MFT	KG/KM	LB/MFT	KG/KM
28001-04-010	8 (7)	0.045	1.140	0.240	6.000	15	23	27	40
28001-06-010	6 (7)	0.045	1.140	0.270	6.900	24	36	38	57
28001-08-010	4 (7)	0.045	1.140	0.320	8.100	39	57	56	84
28001-10-010	2 (7)	0.045	1.140	0.380	9.600	61	91	83	123
28001-11-010	1 (19)	0.055	1.400	0.440	11.000	78	116	107	160
28001-12-010	1/0 (19)	0.055	1.400	0.480	12.100	98	146	131	195
28001-13-010	2/0 (19)	0.055	1.400	0.520	13.200	124	184	161	239
28001-14-010	3/0 (19)	0.055	1.400	0.570	14.500	156	232	198	295
28001-15-010	4/0 (19)	0.055	1.400	0.630	16.000	197	294	245	364
28001-16-010	250 (37)	0.065	1.650	0.690	17.600	234	348	292	435
28001-17-010	300 (37)	0.065	1.650	0.750	18.900	280	417	345	513
28001-18-010	350 (37)	0.065	1.650	0.800	20.200	327	487	397	590
28001-19-010	400 (37)	0.065	1.650	0.840	21.400	374	556	449	667
28001-21-010	500 (37)	0.065	1.650	0.930	23.500	467	695	551	820
28001-22-010	600 (61)	0.080	2.030	1.030	26.200	561	834	670	998
28001-23-010	750 (61)	0.080	2.030	1.140	28.800	701	1043	824	1226
28001-24-010	1000 (61)	0.080	2.030	1.290	32.600	934	1390	1078	1604

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

RWU90 Cable 1000V

XLPE



SPECIFICATIONS

• CSA C22.2 No. 38

*Refer to CE Code for details



CONSTRUCTION

Conductor: Bare ACM aluminum compact or compressed Class B strand

Insulation: Heat and moisture resistant, low-temperature Cross-Linked Polyethylene (XLPE), Type RW90 -40°C to +90°C

Options: Multiple colored insulations available upon request
PVC jacket (FT1 Rating) and copper conductor available upon request

Part Number	AWG Size	Insulation Thickness		Approximate Diameter		Aluminum Content		Net Weight	
		in.	mm.	in.	mm.	LB/MFT	KG/KM	LB/MFT	KG/KM
28002-07-010	6 (7)	0.080	2.030	0.330	8.380	24	36	52	78
28002-08-010	4 (7)	0.080	2.030	0.370	9.400	39	58	72	108
28002-10-010	2 (7)	0.080	2.030	0.430	10.920	62	92	103	154
28002-11-010	1 (19)	0.095	2.410	0.490	12.450	78	116	131	195
28002-12-010	1/0 (19)	0.095	2.410	0.530	13.460	98	146	157	234
28002-13-010	2/0 (19)	0.095	2.410	0.570	14.480	125	186	190	283
28002-14-010	3/0 (19)	0.095	2.410	0.620	15.750	156	232	229	341
28002-15-010	4/0 (19)	0.095	2.410	0.670	17.020	194	289	275	409
28002-16-010	250 (36)	0.110	2.790	0.740	18.800	231	344	331	493
28002-17-010	300 (36)	0.110	2.790	0.790	20.070	282	420	392	583
28002-18-010	350 (36)	0.110	2.790	0.840	21.340	324	482	443	659
28002-21-010	500 (36)	0.110	2.790	0.960	24.380	467	695	609	906
28002-22-010	600 (61)	0.125	3.180	1.070	27.180	560	833	734	1093
28002-23-010	750 (61)	0.125	3.180	1.160	29.460	691	1028	884	1316
28002-24-010	1000 (61)	0.125	3.180	1.310	33.270	941	1400	1167	1737

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	AWG	mm ²
28	0.08	14	2.08	2	33.63	300	152.01
26	0.13	12	3.31	1	42.41	350	177.35
24	0.20	10	5.26	1/0	53.51	400	202.68
22	0.32	8	8.37	2/0	67.44	500	253.35
20	0.52	6	13.30	3/0	85.03	600	304.02
18	0.82	4	21.15	4/0	107.22	750	380.03
16	1.31	3	26.66	250	126.68	1000	506.71

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

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: SJ00W, SO0W, 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
- Underground Service
 - USE1, USEB
- TECK 90 HL Cables (600V - 35KV)
- Tray Cables
 - Power and Control
- Underground Distribution
- Airguard™

Specialty Wire / Products

- Coil Lead Wires
- 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

SIMPull Solutions®

- Maxis® 6K Tugger
- Maxis® 3K Tugger
- Maxis® Grips™
- QWIKrope®
- Swivel
- SIMpull™ REEL
- SIMpull HEAD®
- SIMpull® Flange
- SIMpull™ Cradle
- GRIPit™
- A Frame

VALUE ADDED SERVICES

- Cable Management Program
- Specialized Technical Assistance
- 24/7 Emergency Shipping Service
- International Export Services
- Custom Cables / Printing / Cutting
- Paralleling / Lagging / Tagging
- Bundling / Armouring
- Bar Coding and Inventory Tracking
- State-of-the-Art Distribution Centre



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