

Aluminum Interlock Armored Power and Control Cable

-40°C / +90°C rated - Lead Free

Multiple conductors, with ground wire, inner PVC jacket, aluminum interlocked armor, outer PVC jacket

Construction

Conductor: bare, annealed copper Class B stranded in accordance with ASTM B8. In sizes 8 AWG to 1000 kcmil, the conductors are compact stranded to reduce cable diameter and weight.

Conductor Shield: extruded semi-conducting cross-linked polyethylene is applied for cables rated over 1000 volts.

Insulation: cross linked polyethylene. Meets CSA C22.2 No. 38 type RW90 for unshielded cables rated 5 kV or less.

Assembly: conductors are cabled in concentric layers with grounding wire, interstices are filled with suitable non-hygroscopic fillers, as required. A binder tape of synthetic material assembles the core in an essentially round configuration, as required.

Inner Jacket: black polyvinyl chloride jacket per CSA C22.2 No. 131-07, 90°C temperature rating, flame-retardant, low-acid-gas-emitting.

Aarmor: interlocking aluminum tape armor applied directly over the inner jacket.

Outer Jacket: overall polyvinyl chloride jacket per CSA C22.2 No. 131-07; low acid gas emission; limited flame spread and excellent corrosion resistance. Jacket color is black for 600 V and 1 kV cables, orange for 5 kV cables.

Conductor Identification

1 conductor: black
 2 conductors: black, white
 3 conductors: red, black, blue
 4 conductors: red, black, blue, white
 5 or more: number coding
 Composite:
 Power: color coded
 Control: number coded
 For color coding:
 14 AWG to 2 AWG: colored insulation
 1 AWG and larger: printed color stripe

Bending Radius

Fixed position:
 Unshielded Cables: 7 × cable overall diameter
 Shielded Cables: 12 × cable overall diameter

During pulling:
 Twice the above values

Specifications

- Meets the requirements of CSA C22.2 No. 38 type RW90 for unshielded conductors
- Meets CSA C22.2 No. 131-07 type TECK Cables up to 5 kV unshielded
- Control cables meet CSA C22.2 No. 239-97(R2006).

Product features

- Cables are CSA listed as Type TECK (for cables up to 5 kV)
- CSA listed insulated conductors
- Cables are flame-retardant and pass CSA FT1
- Cables are fire-retardant and pass CSA FT4
- ICEA T-29-520 Fire Test at 210,000 BTU/hr, IEEE 1202, 383 and UL 1685
- Cables are low-acid-gas-emitting per CSA C22.2 No. 0.3-01 and marked AG14
- Cables exhibit a -40°C low temperature rating with suitable precautions
- Temperature rating of 90°C dry and wet
- 130°C emergency rating and 250°C short circuit rating
- Cables are rated for Hazardous Locations (HL) per CSA C22.2 No. 174-M1987(R2008)*
- Excellent mechanical and physical properties
- Sunlight and oil resistant jacket
- Lead Free and RoHS compliant
- Suitable for direct burial, use in cable tray and embedment in concrete

Options

The following constructions can be provided on special orders:

- Aluminum conductors
- Steel interlock armor
- Extra ground wires
- Special color or number coding
- Specially colored jackets
- Other constructions and combinations (some manufacturing restrictions apply)

***Note:** These cables cannot be used in Class I or II Division 1 locations in accordance with the N.E.C.

Aluminum Interlocked Armored Power and Control Cable -40°C / +90°C rated - Lead Free

600 V, Multiconductor, 14 AWG (7w) with 14 AWG (7w) bare ground

Insulation Thickness: 30 mils / 0.76 mm

***Ampacity at 30°C Ambient Temperature: 15 Amps**

Part Number	# of Cond.	Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Nominal Diameter over Outer Jacket		Approximate Net Cable Weight	
		mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km
422204	2	45	1.14	.369	9.37	.600	15.24	.688	17.48	191	284
422212	3	45	1.14	.390	9.91	.621	15.77	.709	18.01	225	335
422220	4	45	1.14	.444	11.27	.676	17.17	.761	19.33	266	396
422238	5	45	1.14	.472	11.99	.703	17.86	.787	19.99	306	455
422246	6	45	1.14	.515	13.08	.743	18.87	.828	21.03	316	471
422253	7	45	1.14	.522	13.26	.755	19.18	.844	21.44	338	502
422261	8	60	1.52	.597	15.16	.825	20.96	.909	23.09	384	571
444182	9	60	1.52	.608	15.45	.836	21.23	.923	23.44	409	609
388207	10	60	1.52	.671	17.04	.898	22.81	.984	24.99	448	667
—	11	60	1.52	.679	17.25	.906	23.01	.992	25.18	466	693
422279	12	60	1.52	.700	17.78	.927	23.55	1.013	25.73	489	728
443184	15	60	1.52	.764	19.41	.990	25.15	1.090	27.69	583	868
670101	19	60	1.52	.835	21.21	1.073	27.25	1.157	29.39	748	1113
398883	20	60	1.52	.850	21.59	1.105	28.07	1.189	30.20	766	1140
398875	25	80	2.03	.983	24.99	1.239	31.47	1.326	33.68	852	1268
432989	30	80	2.03	1.060	26.92	1.311	33.30	1.399	35.53	995	1481
—	35	80	2.03	1.152	29.26	1.372	34.85	1.488	37.80	1066	1587
444547	40	80	2.03	1.179	29.95	1.431	36.35	1.519	38.58	1224	1822
443796	50	80	2.03	1.282	32.56	1.535	38.99	1.642	41.71	1468	2184
369785	60	80	2.03	1.435	36.45	1.710	43.43	1.850	46.99	1613	2400
—	80	80	2.03	1.604	40.74	1.954	49.63	2.094	53.18	2132	3173
—	90	80	2.03	1.689	42.90	2.039	51.79	2.183	55.44	2347	3494

600 V, Multiconductor, 12 AWG (7w) with 14 AWG (7w) bare ground

Insulation Thickness: 30 mils / 0.76 mm

***Ampacity at 30°C Ambient Temperature: 20 Amps**

Part Number	# of Cond.	Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Nominal Diameter over Outer Jacket		Approximate Net Cable Weight	
		mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km
422287	2	45	1.14	.405	10.29	.636	16.15	.724	18.39	238	354
422295	3	45	1.14	.429	10.90	.660	16.76	.745	18.92	280	417
422303	4	45	1.14	.502	12.75	.733	18.62	.817	20.75	298	443
383679	5	45	1.14	.522	13.26	.752	19.10	.839	21.31	347	516
422311	6	60	1.52	.599	15.21	.828	21.03	.912	23.16	402	598
422329	7	60	1.52	.614	15.60	.843	21.41	.927	23.55	438	652
383695	8	60	1.52	.656	16.66	.884	22.45	.971	24.66	476	708
—	9	60	1.52	.700	17.78	.940	23.87	1.014	25.76	496	738
422337	10	60	1.52	.744	18.90	.988	25.10	1.077	27.35	531	790
—	11	60	1.52	.760	19.30	1.028	26.11	1.096	27.84	622	925
416388	12	60	1.52	.776	19.71	1.037	26.34	1.125	28.58	651	969
444653	15	60	1.52	.842	21.39	1.101	27.97	1.189	30.20	755	1123
—	19	80	2.03	.905	22.99	1.141	29.46	1.233	31.32	937	1394
432732	20	80	2.03	.974	24.74	1.233	31.32	1.321	33.55	973	1448
291104	25	80	2.03	1.093	27.76	1.348	34.24	1.436	36.47	1165	1733
444638	30	80	2.03	1.167	29.64	1.421	36.09	1.509	38.32	1302	1938
—	35	80	2.03	1.308	33.22	1.528	38.81	1.668	42.36	1533	2281
—	40	80	2.03	1.367	34.72	1.642	41.71	1.737	44.12	1593	2370
—	50	80	2.03	1.483	37.67	1.758	44.65	1.853	47.06	1884	2804
—	60	80	2.03	1.615	41.03	1.965	49.91	2.015	51.18	2311	3439
—	80	110	2.79	1.865	47.37	2.215	56.26	2.269	57.63	3021	4495
—	90	110	2.79	1.962	49.85	2.312	58.72	2.366	60.09	3318	4937

*Ampacity in accordance with the Canadian Electrical Code, Part 1. Derating required for more than 3 conductors.

1-866-663-9267

Aluminum Interlocked Armored Power and Control Cable -40°C / +90°C rated - Lead Free

600 V, Multiconductor, 10 AWG (7w) with 12 AWG (7w) bare ground

Insulation Thickness: 30 mils / 0.76 mm

***Ampacity at 30°C Ambient Temperature: 30 Amps**

Part Number	# of Cond.	Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Nominal Diameter over Outer Jacket		Approximate Net Cable Weight	
		mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km
383588	2	45	1.14	.452	11.48	.684	17.37	.769	19.53	272	405
422345	3	45	1.14	.481	12.23	.712	18.08	.798	20.27	339	504
422352	4	45	1.14	.560	14.22	.783	19.89	.867	22.02	383	570
—	5	60	1.52	.604	15.35	.833	21.16	.918	23.32	421	627
069815	6	60	1.52	.671	17.04	.900	22.86	.985	25.01	517	770
248153	7	60	1.52	.699	17.75	.928	23.57	1.018	25.85	539	802
318246	8	60	1.52	.726	18.44	.954	24.23	1.047	26.59	617	918
—	9	60	1.52	.766	19.45	1.006	24.55	1.094	27.79	633	942
444562	10	60	1.52	.840	21.33	1.100	27.94	1.188	30.18	776	1154
—	11	60	1.52	.879	22.33	1.135	28.83	1.222	31.03	795	1183
105395	12	80	2.03	.917	23.29	1.178	29.92	1.266	32.16	885	1318
444612	15	80	2.03	.987	25.06	1.247	31.67	1.335	33.91	1056	1571
—	19	80	2.03	1.066	27.07	1.321	33.55	1.414	35.92	1209	1800
444620	20	80	2.03	1.098	27.89	1.357	34.47	1.445	36.70	1291	1921
—	25	80	2.03	1.229	31.22	1.504	38.20	1.596	40.54	1528	2274
626804	30	80	2.03	1.317	33.45	1.573	39.95	1.680	42.67	1770	2634
—	35	80	2.03	1.494	37.96	1.714	43.54	1.854	47.10	2097	3121
—	40	80	2.03	1.567	39.80	1.917	48.69	1.967	49.96	2298	3421
—	50	80	2.03	1.701	43.21	2.051	52.10	2.105	53.47	2743	4082
—	60	110	2.79	1.910	48.50	2.260	57.40	2.314	58.78	3303	4916
—	80	110	2.79	2.133	54.18	2.483	63.07	2.570	65.28	4225	6288
—	90	110	2.79	2.246	57.05	2.596	65.94	2.683	68.15	4656	6928

*Ampacity in accordance with the Canadian Electrical Code, Part 1, Derating required for more than 3 conductors.

600 V, Composite Power and Control

Part Number	Conductor Size			Power Cond. Insulation Thickness		Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Nominal Diameter over Outer Jacket		Approximate Net Cable Weight		Ampacity** 30°C Ambient
	Power	Control	Ground													
	AWG			mils	mm	mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km	
252197	12	14	14	30	.76	60	1.52	.591	15.00	.831	21.10	.929	23.59	380	566	20
252213	10	14	12	30	.76	60	1.52	.596	15.14	.836	21.23	.936	24.37	414	616	30
260877	10	12	12	30	.76	60	1.52	.665	16.90	.905	23.00	1.003	25.49	442	658	30
252338	8	14	10	45	1.14	60	1.52	.715	18.16	.955	24.26	1.053	26.75	530	789	45
218544	8	12	10	45	1.14	60	1.52	.755	19.17	1.010	25.27	1.159	29.43	558	830	45
252379	6	14	8	60	1.52	60	1.52	.900	22.86	1.175	29.85	1.288	32.72	700	1042	65
_____	6	12	8	60	1.52	80	2.03	.900	22.86	1.175	29.85	1.288	32.72	843	1254	65
067330	4	14	8	60	1.52	80	2.03	.904	22.96	1.179	29.57	1.308	33.22	985	1466	85
_____	4	12	8	60	1.52	80	2.03	.904	22.96	1.179	29.57	1.308	33.22	1001	1490	85
_____	3	14	6	60	1.52	80	2.03	.964	24.48	1.239	31.09	1.368	34.74	1155	1719	105
_____	3	12	6	60	1.52	80	2.03	.964	24.48	1.239	31.09	1.368	34.74	1172	1744	105
459156	2	14	6	60	1.52	80	2.03	1.026	26.05	1.301	32.66	1.430	36.31	1322	1967	120
_____	2	12	6	60	1.52	80	2.03	1.026	26.05	1.301	32.66	1.430	36.31	1339	1992	120
302976	1	14	6	80	2.03	80	2.03	1.182	30.03	1.457	36.64	1.586	40.29	1609	2394	140
_____	1	12	6	80	2.03	80	2.03	1.182	30.03	1.457	36.64	1.586	40.29	1626	2420	140
306621	1/0	14	6	80	2.03	80	2.03	1.263	32.08	1.538	38.69	1.667	42.34	1823	2713	155
_____	1/0	12	6	80	2.03	80	2.03	1.263	32.08	1.538	38.69	1.667	42.34	1885	2805	155
306639	2/0	14	6	80	2.03	80	2.03	1.348	34.23	1.623	40.84	1.772	44.49	2218	3300	185
_____	2/0	12	6	80	2.03	80	2.03	1.348	34.23	1.623	40.84	1.772	44.49	2235	3326	185
_____	3/0	14	4	80	2.03	80	2.03	1.450	36.82	1.725	43.13	1.854	47.08	2667	3969	210
_____	3/0	12	4	80	2.03	80	2.03	1.450	36.82	1.725	43.13	1.854	47.08	2683	3993	210
306613	4/0	14	4	80	2.03	80	2.03	1.567	39.80	1.872	47.17	2.051	52.09	3294	4902	235
_____	4/0	12	4	80	2.03	80	2.03	1.567	39.80	1.872	47.17	2.051	52.09	3312	4929	235

**Ampacity of power conductors per Canadian Electrical Code, Part 1.

Aluminum Interlocked Armored Power Cable -40°C / +90°C rated - Lead Free

1 kV, 1 Conductor with Concentric Bare Ground

Part Number	Cond. Size	Ground Size	Insulation Thickness		Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Approximate Net over Outer Jacket		Approximate Net Cable Weight		Ampacity* 30°C Ambient
	AWG/kcmil	AWG	mils	mm	mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km	amps
—	6	8	60	1.52	30	.76	.453	11.50	.693	17.60	.791	20.09	331	493	100
—	4	6	60	1.52	30	.76	.497	12.63	.737	18.72	.835	21.21	428	637	135
—	3	6	60	1.52	30	.76	.525	13.33	.765	19.43	.863	21.92	473	704	155
295170	2	6	60	1.52	30	.76	.555	14.10	.795	20.19	.893	22.68	528	786	180
—	1	4	80	2.03	45	1.14	.658	16.70	.898	22.81	.996	25.30	696	1036	210
550335	1/0	4	80	2.03	45	1.14	.725	18.42	.965	24.51	1.069	27.15	781	1162	245
550343	2/0	4	80	2.03	45	1.14	.750	19.05	1.025	26.04	1.135	28.83	944	1405	285
550350	3/0	3	80	2.03	45	1.14	.807	20.49	1.070	27.18	1.180	29.97	1121	1668	330
550368	4/0	3	80	2.03	45	1.14	.859	21.82	1.134	28.80	1.244	31.60	1272	1893	385
550376	250	2	90	2.29	60	1.52	.955	24.25	1.247	31.67	1.355	34.42	1466	2181	425
535443	300	2	90	2.29	60	1.52	1.005	25.53	1.280	32.51	1.409	35.79	1715	2552	480
550384	350	1	90	2.29	60	1.52	1.080	27.43	1.353	34.37	1.465	37.21	1947	2897	530
208702	400	1	90	2.29	60	1.52	1.123	28.53	1.398	35.51	1.527	38.79	2164	3220	575
550392	500	1/0	90	2.29	60	1.52	1.237	31.42	1.514	38.46	1.625	41.28	2596	3863	660
391847	600	1/0	90	2.29	60	1.52	1.278	32.47	1.553	39.45	1.682	42.72	2960	4405	740
526319	750	2/0	90	2.29	60	1.52	1.408	35.75	1.683	42.75	1.812	46.02	3648	5429	845
528000	1000	2/0	90	2.29	60	1.52	1.561	39.64	1.911	48.53	2.045	51.94	4674	6955	1000

1 kV, 2 Conductors with Bare Ground

Part Number	Cond. Size	Ground Size	Insulation Thickness		Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Approximate Net over Outer Jacket		Approximate Net Cable Weight		Ampacity* 30°C Ambient
	AWG/kcmil	AWG	mils	mm	mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km	amps
184838	14	14	45	1.14	45	1.14	.423	10.74	.663	16.84	.761	19.32	216	321	15
133280	12	14	45	1.14	45	1.14	.464	11.78	.696	17.68	.794	20.17	272	405	20
138941	10	12	45	1.14	45	1.14	.510	12.95	.750	19.05	.848	21.54	296	440	30
307884	8	10	45	1.14	60	1.52	.590	14.98	.819	20.80	.926	23.52	407	606	45
422493	6	8	60	1.52	60	1.52	.718	18.25	.945	24.00	1.055	26.80	545	811	65
302968	4	8	60	1.52	60	1.52	.812	20.61	1.084	27.53	1.188	30.18	742	1104	85
—	3	6	60	1.52	80	2.03	.902	22.91	1.177	29.90	1.306	33.17	912	1357	105
260315	2	6	60	1.52	80	2.03	.963	24.45	1.235	31.37	1.339	34.01	1029	1531	120
—	1	6	80	2.03	80	2.03	1.110	28.20	1.385	35.18	1.514	38.45	1252	1863	140
119917	1/0	6	80	2.03	80	2.03	1.185	30.09	1.454	36.93	1.558	39.57	1451	2159	155
527572	2/0	6	80	2.03	80	2.03	1.263	32.09	1.533	38.94	1.641	41.68	1675	2493	185
—	3/0	4	80	2.03	80	2.03	1.358	34.50	1.633	41.48	1.762	44.75	2031	3022	210
413187	4/0	4	80	2.03	80	2.03	1.463	37.16	1.731	43.97	1.863	47.32	2385	3549	235
318873	250	4	90	2.29	80	2.03	1.598	40.59	1.948	49.48	2.082	52.88	2870	4270	265
—	300	4	90	2.29	80	2.03	1.699	43.15	2.049	52.04	2.183	55.44	3291	4882	295
—	350	3	90	2.29	110	2.79	1.852	47.03	2.202	55.93	2.336	59.33	3837	5710	325
—	400	3	90	2.29	110	2.79	1.938	49.23	2.288	58.11	2.422	61.52	4236	6303	345
318865	500	3	90	2.29	110	2.79	2.097	53.27	2.447	62.15	2.581	65.56	5082	7563	395

* Ampacity in accordance with the Canadian Electrical Code, Part 1.

Aluminum Interlocked Armored Power Cable -40°C / +90°C rated - Lead Free

1 kV, 3 Conductors with Bare Ground

Part Number	Cond. Size	Ground Size	Insulation Thickness		Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Approximate Net over Outer Jacket		Approximate Net Cable Weight		Ampacity* 30°C Ambient
	AWG/kcmil	AWG	mils	mm	mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km	amps
654228	14	14	45	1.14	45	1.14	.448	11.38	.685	17.40	.770	19.56	247	367	15
307850	12	14	45	1.14	45	1.14	.503	12.77	.735	18.67	.821	20.85	297	441	20
307843	10	12	45	1.14	60	1.52	.576	14.63	.807	20.50	.891	22.63	381	567	30
422360	8	10	45	1.14	60	1.52	.627	15.93	.855	21.72	.942	23.93	491	730	45
422378	6	8	60	1.52	60	1.52	.766	19.44	1.035	26.29	1.125	28.58	644	959	65
422386	4	8	60	1.52	80	2.03	.904	22.96	1.176	29.87	1.265	32.13	924	1375	85
307876	3	6	60	1.52	80	2.03	.964	24.48	1.236	31.39	1.326	33.68	1026	1526	105
422394	2	6	60	1.52	80	2.03	1.026	26.05	1.300	33.02	1.388	35.26	1274	1896	120
422402	1	6	80	2.03	80	2.03	1.182	30.03	1.457	37.01	1.547	39.29	1539	2291	140
422410	1/0	6	80	2.03	80	2.03	1.263	32.08	1.537	39.04	1.630	41.40	1796	2672	155
422428	2/0	6	80	2.03	80	2.03	1.348	34.23	1.621	41.14	1.729	43.92	2165	3222	185
438929	3/0	4	80	2.03	80	2.03	1.450	36.82	1.725	43.82	1.835	46.61	2571	3827	210
438937	4/0	4	80	2.03	80	2.03	1.567	39.80	1.815	46.10	1.925	48.90	3196	4756	235
438945	250	4	90	2.29	110	2.79	1.768	44.91	2.120	53.85	2.250	57.15	3830	5700	265
438952	300	4	90	2.29	110	2.79	1.877	47.67	2.235	56.77	2.367	60.12	4382	6520	295
438960	350	3	90	2.29	110	2.79	1.976	50.20	2.330	59.18	2.462	61.52	4990	7426	325
438978	400	3	90	2.29	110	2.79	2.074	52.68	2.422	61.52	2.554	64.87	5534	8235	345
438986	500	3	90	2.29	110	2.79	2.241	56.92	2.595	65.91	2.757	70.03	6674	9932	395
442632	600	2	90	2.29	110	2.79	2.408	61.17	2.758	70.05	2.935	74.55	7747	11528	455
560094	750	2	90	2.29	110	2.79	2.614	66.40	2.959	75.16	3.121	79.27	9596	14281	500

* Ampacity in accordance with the Canadian Electrical Code, Part 1.

1 kV, 4 Conductors with Bare Ground

Part Number	Cond. Size	Ground Size	Insulation Thickness		Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Approximate Net over Outer Jacket		Approximate Net Cable Weight		Ampacity** 30°C Ambient
	AWG/kcmil	AWG	mils	mm	mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km	amps
133298	14	14	45	1.14	45	1.14	.493	12.52	.733	18.61	.827	21.00	282	420	15
369322	12	14	45	1.14	60	1.52	.569	14.46	.809	20.33	.903	22.94	356	530	20
649707	10	12	45	1.14	60	1.52	.632	16.04	.878	22.30	.965	24.51	436	649	30
383612	8	10	45	1.14	60	1.52	.694	17.62	.921	23.39	1.028	26.11	583	867	45
383620	6	8	60	1.52	80	2.03	.895	22.73	1.170	29.71	1.280	32.51	838	1247	65
529271	4	8	60	1.52	80	2.03	.995	25.27	1.270	32.26	1.351	34.31	1122	1669	85
199588	3	6	60	1.52	80	2.03	1.085	27.55	1.360	34.54	1.441	36.60	1359	2022	105
383646	2	6	60	1.52	80	2.03	1.145	29.09	1.420	36.07	1.501	38.13	1580	2351	120
105312	1	6	80	2.03	80	2.03	1.303	33.11	1.578	39.50	1.663	42.24	1927	2868	140
568261	1/0	6	80	2.03	80	2.03	1.394	35.40	1.669	42.39	1.774	45.06	2295	3415	155
443358	2/0	6	80	2.03	80	2.03	1.488	37.81	1.757	44.63	1.865	47.37	2711	4034	185
568279	3/0	4	80	2.03	80	2.03	1.607	40.81	1.852	47.04	1.960	49.78	3395	5053	210
568709	4/0	4	80	2.03	110	2.79	1.793	45.55	2.033	51.64	2.141	54.38	4197	6239	235
568337	250	4	90	2.29	110	2.79	1.952	49.57	2.302	58.52	2.417	61.39	4828	7230	265
167890	300	4	90	2.29	110	2.79	2.077	52.76	2.427	61.65	2.542	65.57	5630	8378	295
568295	350	3	90	2.29	110	2.79	2.189	55.60	2.539	64.49	2.654	67.41	6399	9522	325
227462	400	3	90	2.29	110	2.79	2.294	58.26	2.644	67.16	2.833	71.96	7132	10613	345
568345	500	3	90	2.29	110	2.79	2.481	63.02	2.831	71.91	3.020	76.71	8555	12732	395

** Ampacity assuming 4th conductor is a neutral of a 3 phase. 4 wire system in accordance with the Canadian Electrical Code, Part 1.

Aluminum Interlocked Armored Power Cable -40°C / +90°C rated - Lead Free

5 kV Unshielded, 3 Conductors with Bare Ground

Part Number	Cond. Size	Ground Size	Insulation Thickness		Inner Jacket Thickness		Nominal Diameter over Inner Jacket		Nominal Diameter over Armor		Nominal Diameter over Outer Jacket		Approximate Net Cable Weight		Ampacity* 30°C Ambient
	AWG/kcmil	AWG	mils	mm	mils	mm	inches	mm	inches	mm	inches	mm	lb/kft	kg/km	amps
_____	8	10	90	2.29	60	1.52	.931	23.64	1.206	30.63	1.315	33.40	721	1073	45
645952	6	8	90	2.29	80	2.03	1.051	26.69	1.326	33.68	1.435	36.45	872	1297	65
645960	4	8	90	2.29	80	2.03	1.146	29.11	1.421	36.09	1.530	38.86	1155	1719	85
_____	3	6	90	2.29	80	2.03	1.200	30.49	1.475	37.46	1.584	40.23	1322	1968	105
226225	2	6	90	2.29	80	2.03	1.266	32.15	1.541	39.14	1.670	42.42	1503	2237	120
217760	1	6	90	2.29	80	2.03	1.335	33.91	1.610	40.89	1.739	44.17	1732	2577	140
200766	1/0	6	90	2.29	80	2.03	1.415	35.95	1.690	42.93	1.819	46.20	2013	2997	155
226233	2/0	6	90	2.29	80	2.03	1.500	38.10	1.775	45.09	1.904	48.36	2339	3481	185
_____	3/0	4	90	2.29	80	2.03	1.606	40.80	1.956	49.68	2.090	53.09	2929	4359	210
226241	4/0	4	90	2.29	80	2.03	1.724	43.79	2.074	52.68	2.208	56.08	3544	5274	235
226274	250	4	90	2.29	110	2.79	1.882	47.80	2.232	56.69	2.366	60.10	4032	6001	265
_____	300	4	90	2.29	110	2.79	1.990	50.55	2.340	59.44	2.474	62.84	4605	6853	295
226282	350	3	90	2.29	110	2.79	2.094	53.19	2.444	62.08	2.578	65.48	5242	7800	325
_____	400	3	90	2.29	110	2.79	2.188	55.56	2.538	64.47	2.672	67.87	5852	8709	345
226290	500	3	90	2.29	110	2.79	2.355	59.81	2.705	68.71	2.839	72.11	7053	10495	395

*Ampacity in accordance with the Canadian Electrical Code, Part 1.