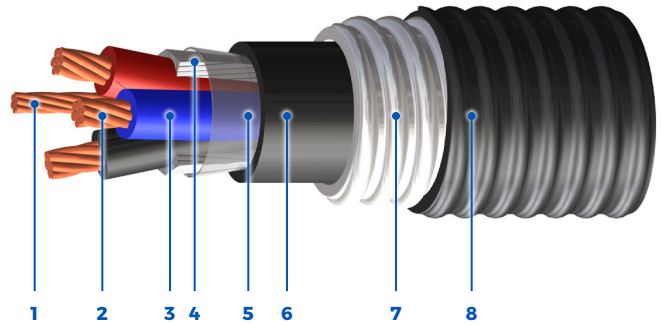


CSA LSZH Type ACIC Armoured Power, Multi-Conductor, 1000 V

LSZH AIA Control cables are suitable for use in ventilated, non-ventilated and ladder type cable trays, direct burial, raceways and for exposed or concealed wiring in wet, damp or dry locations. Applicable for use in Utilities, Industrial and Commercial applications.

Standards:



- 1 - Bonding Conductor
- 2 - Stranded Bare Copper Conductors (Tin-coated Available)
- 3 - XLPE (RW90 Rated) Insulated Conductors
- 4 - Polypropylene Fillers
- 5 - Fiberglass Tape
- 6 - LSZH Inner Protective Jacket
- 7 - Aluminum Interlocked Armour (AIA)
- 8 - LSZH Outer Protective Jacket

Product Construction

Insulation:

- XLPE (RW90 rated) rated: 90°C wet/dry

Shielding (foil-free edge):

- OS (optional)

Jacket:

- LSZH outer black jacket rated: 90°C

Armour:

- Aluminum Interlocked Armour (AIA) (standard)
- Steel Interlocked Armour (SIA) (optional)

Available in:

- Custom insulation/jacket colours
- Composite constructions

Certification/Compliances

- CSA C22.2 No. 239, Control and instrumentation cables
- CSA C22.2 No. 38, Thermoset-insulated wires and cables
- CSA C22.2 No. 2556/UL 2556 FT4, Vertical Tray Flame Test rated
- IEEE 383/1202 (70,000 BTU/hr), Vertical Flame Test rated
- CSA C22.2 No. 2556/UL 2556 ST1 Limited Smoke rated
- XLPE (RW90 rated), 90°C wet/dry
- UV sunlight resistant "SUN RES" (all colours)
- Direct burial rated
- -40°C cold bend/impact rated

- Halogen-free rated
- Rated for use in hazardous locations:
 - Zone 0 (Class 1, Division 1) (Intrinsically circuits cables only)
 - Zone 2 (Class I, Division 2)
 - Zone 22 (Class II & III, Division 2)

Colour Coding

- 2C - Black & white
- 3C - Black, red & blue
- 4C - Black, red, blue & white
- 5C and greater - Black, number-coded with white ink

1000 V

Voltage
(Optional: 300, 600 V)

CSA Type ACIC

Power

CSA LSZH Type ACIC Armoured Power, Multi-Conductor, 1000 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	BONDING CONDUCTOR SIZE	NOMINAL DIAMETER			CABLE WEIGHT	AMPACITY*	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
				OVER INNER JACKET	OVER ARMOUR	OVERALL CABLE				
		AWG	AWG	in. mm	in. mm	in. mm	lb/1000ft kg/km	30°C ambient	lb kg	in. mm
60210M080200814	2	8	10	0.606 15.4	0.846 21.5	0.958 24.3	451 671	55	265 120	17.2 438
60210M060200814	2	6	8	0.744 18.9	0.984 25.0	1.096 27.8	605 901	75	419 190	19.7 501
60210M040200814	2	4	8	0.838 21.3	1.078 27.4	1.19 30.2	797 1187	95	668 303	21.4 544
60210M030200814	2	3	6	0.932 23.7	1.172 29.8	1.284 32.6	978 1456	115	842 382	23.1 587
60210M020200814	2	2	6	0.994 25.3	1.234 31.3	1.346 34.2	1102 1640	130	1062 482	24.2 615
60210M010240814	2	1	6	1.152 29.3	1.392 35.4	1.504 38.2	1319 1963	145	1339 607	27.1 688
60210M1/0240814	2	1/0	6	1.232 31.3	1.472 37.4	1.584 40.2	1507 2243	170	1690 766	28.5 724
60210M2/0240814	2	2/0	6	1.318 33.5	1.558 39.6	1.69 42.9	1770 2635	195	2130 966	30.4 773
60210M3/0240814	2	3/0	4	1.420 36.1	1.660 42.2	1.792 45.5	2105 3132	225	2671 1212	32.3 819
60210M4/0240814	2	4/0	4	1.532 38.9	1.837 46.7	1.969 50.0	2541 3782	260	3386 1536	35.4 900
60210M080300814	3	8	10	0.660 16.8	0.900 22.9	1.012 25.7	537 799	55	397 180	18.2 463
60210M060300814	3	6	8	0.813 20.7	1.054 26.8	1.166 29.6	782 1164	75	629 285	21.0 533
60210M040300814	3	4	8	0.930 23.6	1.171 29.7	1.283 32.6	1029 1532	95	1002 454	23.1 586
60210M030300814	3	3	6	0.988 25.1	1.229 31.2	1.341 34.1	1200 1785	115	1263 573	24.1 613
60210M020300814	3	2	6	1.055 26.8	1.295 32.9	1.407 35.8	1372 2042	130	1593 723	25.3 643
60210M010340814	3	1	6	1.225 31.1	1.465 37.2	1.577 40.1	1664 2477	145	2009 911	28.4 721
60210M1/0340814	3	1/0	6	1.311 33.3	1.551 39.4	1.683 42.7	1966 2926	170	2534 1150	30.3 769
60210M2/0340814	3	2/0	6	1.403 35.7	1.644 41.7	1.775 45.1	2290 3409	195	3194 1449	32.0 812
60210M3/0240814	3	3/0	4	1.420 36.1	1.660 42.2	1.792 45.5	2105 3132	225	2671 1212	32.3 819
60210M4/0340814	3	4/0	4	1.633 41.5	1.938 49.2	2.071 52.6	3335 4964	260	5078 2304	37.3 947
60210M080400814	4	8	10	0.719 18.3	0.959 24.4	1.071 27.2	625 930	55	529 240	19.3 490
60210M060400814	4	6	8	0.929 23.6	1.169 29.7	1.281 32.5	971 1445	75	839 380	23.1 586
60210M040400814	4	4	8	1.045 26.6	1.286 32.7	1.398 35.5	1248 1857	95	1336 606	25.2 639
60210M030400814	4	3	6	1.112 28.3	1.353 34.4	1.465 37.2	1455 2165	115	1684 764	26.4 670
60210M020400814	4	2	6	1.189 30.2	1.429 36.3	1.541 39.1	1679 2498	130	2124 964	27.7 705
60210M010440814	4	1	6	1.351 34.3	1.591 40.4	1.723 43.8	2082 3098	145	2678 1215	31.0 788
60210M1/0440814	4	1/0	6	1.448 36.8	1.688 42.9	1.82 46.2	2436 3626	170	3379 1533	32.8 832
60210M2/0440814	4	2/0	6	1.551 39.4	1.856 47.2	1.988 50.5	2948 4387	195	4259 1932	35.8 909
60210M3/0440814	4	3/0	4	1.674 42.5	1.979 50.3	2.111 53.6	3531 5255	225	5343 2423	38.0 965
60210M4/0440814	4	4/0	4	1.869 47.5	2.174 55.2	2.306 58.6	4336 6453	260	6771 3071	41.5 1054

*Ampacity value based on Canadian Electrical Code, Part 1 (2024 26th Edition), Table 2 or Table 57. Values are corrected for number of insulated conductors as applicable according to Table 5C or Table 57.