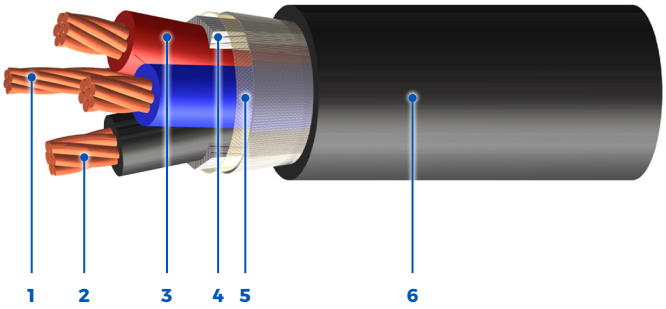
CSA LSZH Type CIC TC Tray Control, Multi-Conductor, 600 V

LSZH Tray 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.



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 Outer Protective Jacket

Standards:

RoHS TC

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

Available in:
- Custom insulation/ jacket colours
- Composite constructions

Certification/ Compliances

- CSA C22.2 No. 230, Tray cables
- 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
- -30˚C cold bend/-25˚C impact rated
- Halogen-free rated
- Rated for use in hazardous locations:
  - Zone 0 (Class 1, Division 1) (Intrinsically Safe circuits 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

600 V

Voltage (Optional: 300, 1000 V)

CSA Type CIC-TC

Control

CSA LSZH Type CIC TC Tray Control, Multi-Conductor, 600 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	BONDING CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY*	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		AWG	*AWG*	*in. | mm*	*lb|1000ft | kg|km*	*30°C ambient*	*lb | kg*	*in. | mm*
49010M140200800	2	14	14	0.372 | 9.5	89 | 133	25	66 | 30	3.3 | 85
49010M140300800	3	14	14	0.403 | 10.2	107 | 159	25	99 | 45	3.6 | 92
49010M140400800	4	14	14	0.436 | 11.1	130 | 193	20	132 | 60	3.9 | 100
49010M140500800	5	14	14	0.465 | 11.8	146 | 218	20	165 | 75	4.2 | 106
49010M140600800	6	14	14	0.505 | 12.8	170 | 253	20	197 | 90	4.5 | 115
49010M140700800	7	14	14	0.575 | 14.6	212 | 315	17.5	230 | 104	5.2 | 131
49010M140800800	8	14	14	0.616 | 15.7	237 | 353	17.5	263 | 119	5.5 | 141
49010M141000800	10	14	14	0.668 | 17.0	275 | 410	17.5	329 | 149	6.0 | 153
49010M141200800	12	14	14	0.688 | 17.5	309 | 460	17.5	395 | 179	6.2 | 157
49010M141400800	14	14	14	0.722 | 18.4	351 | 522	17.5	461 | 209	6.5 | 165
49010M141500800	15	14	14	0.741 | 18.8	371 | 551	17.5	494 | 224	6.7 | 169
49010M142000800	20	14	14	0.841 | 21.4	470 | 699	17.5	658 | 298	7.6 | 192
49010M142500800	25	14	14	0.974 | 24.7	613 | 913	15	823 | 373	8.8 | 223
49010M143000800	30	14	14	1.028 | 26.1	703 | 1046	15	987 | 448	9.3 | 235
49010M144000800	40	14	14	1.147 | 29.1	898 | 1336	15	1316 | 597	10.3 | 262
49010M145000800	50	14	14	1.272 | 32.3	1087 | 1617	12.5	1645 | 746	11.4 | 291
49010M120200800	2	12	14	0.408 | 10.4	111 | 166	30	104 | 47	3.7 | 93
49010M120300800	3	12	14	0.443 | 11.3	140 | 208	30	157 | 71	4.0 | 101
49010M120400800	4	12	14	0.480 | 12.2	168 | 250	24	209 | 95	4.3 | 110
49010M120500800	5	12	14	0.514 | 13.1	200 | 297	24	261 | 118	4.6 | 117
49010M120600800	6	12	14	0.589 | 15.0	252 | 375	24	313 | 142	5.3 | 135
49010M120700800	7	12	14	0.634 | 16.1	287 | 427	21	365 | 166	5.7 | 145
49010M120800800	8	12	14	0.681 | 17.3	316 | 470	21	418 | 189	6.1 | 156
49010M121000800	10	12	14	0.740 | 18.8	371 | 553	21	522 | 237	6.7 | 169
49010M121200800	12	12	14	0.763 | 19.4	424 | 631	21	626 | 284	6.9 | 174
49010M121400800	14	12	14	0.802 | 20.4	479 | 713	21	731 | 331	7.2 | 183
49010M121500800	15	12	14	0.823 | 20.9	507 | 755	21	783 | 355	7.4 | 188
49010M122000800	20	12	14	0.976 | 24.8	693 | 1032	21	1044 | 474	8.8 | 223
49010M122500800	25	12	14	1.082 | 27.5	845 | 1257	18	1305 | 592	9.7 | 247
49010M123000800	30	12	14	1.144 | 29.1	975 | 1451	18	1566 | 710	10.3 | 261
49010M124000800	40	12	14	1.278 | 32.5	1258 | 1872	18	2088 | 947	11.5 | 292
49010M125000800	50	12	14	1.420 | 36.1	1533 | 2281	15	2610 | 1184	12.8 | 325

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

CSA LSZH Type CIC TC Tray Control, Multi-Conductor, 600 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	BONDING CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY*	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		AWG	*AWG*	*in. | mm*	*lb|1000ft | kg|km*	*30°C ambient*	*lb | kg*	*in. | mm*
49010M100200800	2	10	12	0.458 | 11.6	153 | 227	40	166 | 75	4.1 | 105
49010M100300800	3	10	12	0.498 | 12.7	192 | 286	40	249 | 113	4.5 | 114
49010M100400800	4	10	12	0.572 | 14.5	257 | 383	32	332 | 151	5.2 | 131
49010M100500800	5	10	12	0.611 | 15.5	300 | 447	32	415 | 188	5.5 | 140
49010M100600800	6	10	12	0.664 | 16.9	350 | 521	32	498 | 226	6.0 | 152
49010M100700800	7	10	12	0.717 | 18.2	401 | 597	28	581 | 264	6.5 | 164
49010M100800800	8	10	12	0.771 | 19.6	446 | 664	28	664 | 301	6.9 | 176
49010M101000800	10	10	12	0.840 | 21.3	526 | 783	28	830 | 376	7.6 | 192
49010M101200800	12	10	12	0.906 | 23.0	642 | 956	28	996 | 452	8.2 | 207
49010M101400800	14	10	12	0.952 | 24.2	731 | 1087	28	1162 | 527	8.6 | 218
49010M101400800	14	10	12	0.952 | 24.2	731 | 1087	28	1162 | 527	8.6 | 218
49010M101500800	15	10	12	0.977 | 24.8	773 | 1151	28	1245 | 565	8.8 | 223
49010M101500800	15	10	12	0.977 | 24.8	773 | 1151	28	1245 | 565	8.8 | 223
49010M102500800	25	10	12	1.232 | 31.3	1211 | 1802	24	2075 | 941	11.1 | 282
49010M104000800	40	10	12	1.461 | 37.1	1828 | 2720	24	3320 | 1506	13.1 | 334
49010M105000800	50	10	12	1.626 | 41.3	2236 | 3327	20	4150 | 1882	14.6 | 372

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