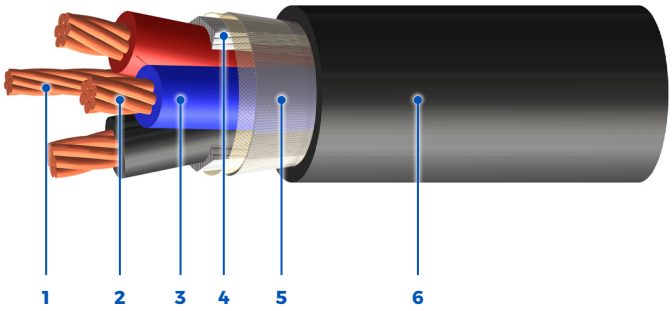
CSA LSZH Type CIC TC Tray Power, Multi-Conductor, 1000 V

LSZH Tray Power 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 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

1000 V

Voltage (Optional: 600 V)

CSA Type CIC TC

Power

CSA LSZH Type CIC TC Tray Power, Multi-Conductor, 1000 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*
40010M140200800	2	14	14	0.432 | 11.0	104 | 155	25	66 | 30	3.9 | 99
40010M120200800	2	12	14	0.468 | 11.9	128 | 190	30	104 | 47	4.2 | 107
40010M100200800	2	10	12	0.518 | 13.2	170 | 253	40	166 | 75	4.7 | 118
40010M080200800	2	8	10	0.606 | 15.4	257 | 382	55	265 | 120	5.5 | 139
40010M060200800	2	6	8	0.744 | 18.9	382 | 568	75	419 | 190	6.7 | 170
40010M040200800	2	4	8	0.838 | 21.3	513 | 764	95	668 | 303	7.5 | 192
40010M030200800	2	3	6	0.932 | 23.7	673 | 1001	115	842 | 382	8.4 | 213
40010M020200800	2	2	6	0.994 | 25.3	783 | 1165	130	1062 | 482	8.9 | 227
40010M010240800	2	1	6	1.152 | 29.3	977 | 1454	145	1339 | 607	10.4 | 263
40010M1/0240800	2	1/0	6	1.232 | 31.3	1145 | 1704	170	1690 | 766	11.1 | 282
40010M2/0240800	2	2/0	6	1.318 | 33.5	1364 | 2030	195	2130 | 966	11.9 | 301
40010M3/0240800	2	3/0	4	1.420 | 36.1	1675 | 2492	225	2671 | 1212	12.8 | 325
40010M4/0240800	2	4/0	4	1.532 | 38.9	2015 | 2999	260	3386 | 1536	13.8 | 350
40010M140300800	3	14	14	0.470 | 11.9	126 | 188	25	99 | 45	4.2 | 107
40010M120300800	3	12	14	0.510 | 13.0	159 | 237	30	157 | 71	4.6 | 117
40010M100300800	3	10	12	0.595 | 15.1	234 | 349	40	249 | 113	5.4 | 136
40010M080300800	3	8	10	0.660 | 16.8	325 | 484	55	397 | 180	5.9 | 151
40010M060300800	3	6	8	0.813 | 20.7	490 | 730	75	629 | 285	7.3 | 186
40010M040300800	3	4	8	0.930 | 23.6	710 | 1056	95	1002 | 454	8.4 | 213
40010M030300800	3	3	6	0.988 | 25.1	862 | 1283	115	1263 | 573	8.9 | 226
40010M020300800	3	2	6	1.055 | 26.8	1022 | 1521	130	1593 | 723	9.5 | 241
40010M010340800	3	1	6	1.225 | 31.1	1278 | 1901	145	2009 | 911	11.0 | 280
40010M1/0340800	3	1/0	6	1.311 | 33.3	1516 | 2256	170	2534 | 1150	11.8 | 300
40010M2/0340800	3	2/0	6	1.403 | 35.7	1819 | 2707	195	3194 | 1449	12.6 | 321
40010M3/0340800	3	3/0	4	1.513 | 38.4	2257 | 3359	225	4007 | 1818	13.6 | 346
40010M4/0340800	3	4/0	4	1.633 | 41.5	2745 | 4085	260	5078 | 2304	14.7 | 373
40010M140400800	4	14	14	0.510 | 13.0	150 | 223	25	132 | 60	4.6 | 117
40010M120400800	4	12	14	0.585 | 14.9	213 | 317	30	209 | 95	5.3 | 134
40010M100400800	4	10	12	0.647 | 16.4	284 | 423	40	332 | 151	5.8 | 148
40010M080400800	4	8	10	0.719 | 18.3	397 | 590	55	529 | 240	6.5 | 164

*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 Power, Multi-Conductor, 1000 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*
40010M060400800	4	6	8	0.929 | 23.6	646 | 962	75	839 | 380	8.4 | 212
40010M040400800	4	4	8	1.045 | 26.6	888 | 1322	95	1336 | 606	9.4 | 239
40010M030400800	4	3	6	1.112 | 28.3	1084 | 1614	115	1684 | 764	10.0 | 254
40010M020400800	4	2	6	1.189 | 30.2	1295 | 1928	130	2124 | 964	10.7 | 272
40010M010440800	4	1	6	1.351 | 34.3	1622 | 2414	145	2678 | 1215	12.2 | 309
40010M1/0440800	4	1/0	6	1.448 | 36.8	1924 | 2863	170	3379 | 1533	13.0 | 331
40010M2/0440800	4	2/0	6	1.551 | 39.4	2351 | 3499	195	4259 | 1932	14.0 | 355
40010M3/0440800	4	3/0	4	1.674 | 42.5	2889 | 4299	225	5343 | 2423	15.1 | 383
40010M4/0440800	4	4/0	4	1.869 | 47.5	3663 | 5451	230	6771 | 3071	16.8 | 427

*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.