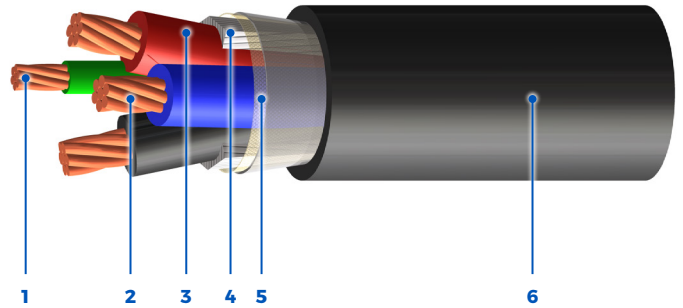


CSA LSZH Type CIC TC Tray Control, Multi-Conductor, 300 V

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.

Standards:



- 1 - Insulated Bonding Conductor
- 2 - Stranded Bare Copper Conductors (Tin-coated Available)
- 3 - Halogen Free XLPE (RW90 Rated) Insulated Conductors
- 4 - Polypropylene Fillers
- 5 - Fiberglass Tape
- 6 - 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

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

300 V

Voltage
(Optional: 600, 1000 V)

CSA Type CIC TC

Control

CSA LSZH Type CIC TC Tray Control, Multi-Conductor, 300 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
42010M20020080G	2	20	20	0.291 7.4	44 65	3.5	24 11	2.6 66
42010M20030080G	3	20	20	0.313 8.0	51 77	3.5	32 15	2.8 72
42010M20040080G	4	20	20	0.338 8.6	61 91	2.8	40 18	3.0 77
42010M20050080G	5	20	20	0.364 9.3	70 104	2.8	48 22	3.3 83
42010M20060080G	6	20	20	0.364 9.3	74 110	2.45	56 25	3.3 83
42010M20080080G	8	20	20	0.416 10.6	93 139	2.45	72 33	3.7 95
42010M20100080G	10	20	20	0.450 11.4	107 159	2.45	88 40	4.0 103
42010M20120080G	12	20	20	0.471 12.0	118 175	2.45	104 47	4.2 108
42010M20150080G	15	20	20	0.510 13.0	139 206	2.45	128 58	4.6 117
42010M20200080G	20	20	20	0.592 15.0	190 283	2.45	168 76	5.3 135
42010M20250080G	25	20	20	0.652 16.6	226 337	2.1	208 94	5.9 149
42010M20300080G	30	20	20	0.699 17.8	258 384	2.1	248 112	6.3 160
42010M20400080G	40	20	20	0.780 19.8	325 483	2.1	328 149	7.0 178
42010M20500080G	50	20	20	0.845 21.5	384 572	1.75	408 185	7.6 193
42010M18020080G	2	18	18	0.312 7.9	53 79	5	39 18	2.8 71
42010M18030080G	3	18	18	0.337 8.6	63 94	5	52 24	3.0 77
42010M18040080G	4	18	18	0.365 9.3	76 114	4	65 29	3.3 83
42010M18050080G	5	18	18	0.394 10.0	88 131	4	78 35	3.5 90
42010M18060080G	6	18	18	0.394 10.0	93 139	3.5	91 41	3.5 90
42010M18080080G	8	18	18	0.453 11.5	118 175	3.5	117 53	4.1 103
42010M18100080G	10	18	18	0.490 12.5	136 203	3.5	143 65	4.4 112
42010M18120080G	12	18	18	0.513 13.0	153 227	3.5	169 77	4.6 117
42010M18150080G	15	18	18	0.587 14.9	200 297	3.5	208 94	5.3 134
42010M18200080G	20	18	18	0.645 16.4	246 366	3.5	273 124	5.8 147
42010M18250080G	25	18	18	0.712 18.1	295 439	3	338 153	6.4 163
42010M18300080G	30	18	18	0.765 19.4	338 503	3	403 183	6.9 175
42010M18400080G	40	18	18	0.895 22.7	468 696	3	533 242	8.1 205
42010M18500080G	50	18	18	0.967 24.6	554 825	2.5	663 301	8.7 221
42010M16020080G	2	16	16	0.338 8.6	71 105	10	62 28	3.0 77
42010M16030080G	3	16	16	0.366 9.3	82 122	10	82 37	3.3 84
42010M16040080G	4	16	16	0.398 10.1	97 145	8	103 47	3.6 91
42010M16050080G	5	16	16	0.430 10.9	113 168	8	124 56	3.9 98

*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.

CSA LSZH Type CIC TC Tray Control, Multi-Conductor, 300 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
42010M16060080G	6	16	16	0.430 10.9	122 181	7	144 65	3.9 98
42010M16080080G	8	16	16	0.496 12.6	155 230	7	185 84	4.5 113
42010M16100080G	10	16	16	0.568 14.4	201 299	7	227 103	5.1 130
42010M16120080G	12	16	16	0.594 15.1	226 336	7	268 121	5.3 136
42010M16150080G	15	16	16	0.644 16.4	264 392	7	330 150	5.8 147
42010M16200080G	20	16	16	0.708 18.0	330 491	7	433 196	6.4 162
42010M16250080G	25	16	16	0.784 19.9	398 592	6	536 243	7.1 179
42010M16300080G	30	16	16	0.843 21.4	460 685	6	639 290	7.6 193
42010M16400080G	40	16	16	0.985 25.0	628 935	6	845 383	8.9 225
42010M16500080G	50	16	16	1.066 27.1	754 1122	5	1051 477	9.6 244
42010M14020080G	2	14	14	0.366 9.3	88 132	25	99 45	3.3 84
42010M14030080G	3	14	14	0.398 10.1	109 162	25	132 60	3.6 91
42010M14040080G	4	14	14	0.433 11.0	125 187	20	165 75	3.9 99
42010M14050080G	5	14	14	0.469 11.9	147 218	20	197 90	4.2 107
42010M14060080G	6	14	14	0.469 11.9	160 238	17.5	230 104	4.2 107
42010M14080080G	8	14	14	0.573 14.6	224 333	17.5	296 134	5.2 131
42010M14100080G	10	14	14	0.620 15.8	262 389	17.5	362 164	5.6 142
42010M14120080G	12	14	14	0.649 16.5	297 441	17.5	428 194	5.8 148
42010M14150080G	15	15	14	0.705 17.9	351 522	17.5	526 239	6.3 161
42010M14200080G	20	20	14	0.777 19.7	442 658	17.5	691 313	7.0 178
42010M14250080G	25	25	14	0.902 22.9	574 855	15	855 388	8.1 206
42010M14300080G	30	30	14	0.969 24.6	665 990	15	1020 463	8.7 221
42010M14400080G	40	40	14	1.082 27.5	847 1261	15	1349 612	9.7 247
42010M14500080G	50	50	14	1.173 29.8	1021 1520	12.5	1678 761	10.6 268

*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.