

CSA SAFE-T-GROUND GREEN/STRIPES, SINGLE CONDUCTOR UNARMoured, 1000V

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 in -40°C (-40°F) environments. Applicable for use in Utilities, Industrial and Commercial applications.

VOLTAGE

1000V

OPTIONAL: 600/2000V

PRODUCT CONSTRUCTION

Insulation:

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

Jacket:

- FR PVC outer green jacket rated: 90°C to -40°C

Available in:

- Custom insulation/jacket colours
- Aluminum conductors
- Solid green or green dual yellow SAFE-T-STRIPES for instrumentation/isolated grounding identification

CERTIFICATION/COMPLIANCES

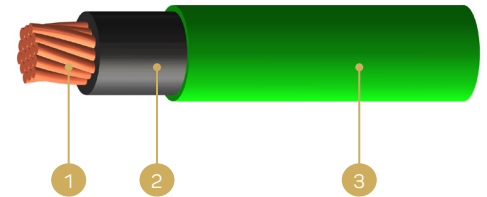
- CSA C22.2 NO. 230, Tray Cables (TC)
- CSA C22.2 NO. 38, Thermoset Insulated Wires & Cables (XLPE)
- CSA FT4, UL 1685 FT4, Vertical Tray Flame Test rated
- IEEE 383 & 1202 (70,000 BTU/hr), Vertical Flame Test rated
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (RW90 rated), 90°C wet/dry
- UV sunlight resistant "SUN RES" (all colours)
- Direct burial rated
- -40°C cold bend/impact rated
- Rated for use in hazardous locations:
 - Class I Zone 0 (Intrinsically Safe cables only)
 - Class I Zone 2 (Div 2)
- Up to 1/0 suitable for use in cable trays for grounding/direct burial applications only
- 1/0 and larger CSA TC rated

COLOR CODING

- Black conductor (standard)

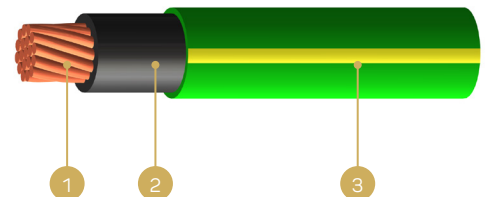
1000 V VOLTAGE CSA Type TC GROUNDING

GREEN CONDUCTOR



1. Stranded Bare (ASTM B8) Annealed Copper Conductors
2. XLPE (RW90 Rated) Insulated Conductor
3. FR PVC Outer Green Protective jacket

SAFE-T-STRIPES CONDUCTOR



1. Strand Bare (ASTM B8) Annealed Copper Conductors
2. XLPE (RW90 Rated) Insulated Conductor
3. FR PVC Outer Green with Dual SAFE-T-STRIPES Protective Jacket

STANDARDS:



GREEN CONDUCTOR

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX. PULLING TENSION (PULLING EYE)	MIN. BEND RADIUS (PULL)
		(AWG/MCM)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
4D010M08010G000	1	8	0.307 / 7.8	82 / 122	80	132 / 60	2.8 / 70
4D010M06010G000	1	6	0.374 / 9.5	126 / 188	105	210 / 95	3.4 / 85
4D010M04010G000	1	4	0.421 / 10.69	182 / 271	140	334 / 151	3.8 / 96
4D010M03010G000	1	3	0.448 / 11.38	221 / 329	165	421 / 191	4 / 102
4D010M02010G000	1	2	0.479 / 12.17	269 / 400	190	531 / 241	4.3 / 109
4D010M01014G000	1	1	0.588 / 14.94	364 / 542	220	670 / 304	5.3 / 134
4D010M1/014G000	1	1/0	0.628 / 15.95	443 / 659	260	845 / 383	5.7 / 144
4D010M2/014G000	1	2/0	0.671 / 17.04	539 / 803	300	1065 / 483	6 / 153
4D010M3/014G000	1	3/0	0.722 / 18.34	661 / 984	350	1336 / 606	6.5 / 165
4D010M4/014G000	1	4/0	0.778 / 19.76	812 / 1209	405	1693 / 768	7 / 178
4D010M25016G000	1	250	0.884 / 22.45	975 / 1450	455	2000 / 907	8 / 202
4D010M35016G000	1	350	0.987 / 25.07	1316 / 1958	570	2800 / 1270	8.9 / 226
4D010M50016G000	1	500	1.115 / 28.32	1819 / 2707	700	4000 / 1814	10 / 255
4D010M75016G000	1	750	1.294 / 32.87	2650 / 3944	885	6000 / 2722	11.6 / 296

*Ampacity value based on Canadian Electrical Code, Version 2018, Table-1.

SAFE-T-STRIPES CONDUCTOR

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX. PULLING TENSION (PULLING EYE)	MIN. BEND RADIUS (PULL)
		(AWG/MCM)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
4D010M08010G00Y	1	8	0.307 / 7.8	82 / 123	80	132 / 60	2.8 / 70
4D010M06010G00Y	1	6	0.374 / 9.5	126 / 188	105	210 / 95	3.4 / 85
4D010M04010G00Y	1	4	0.421 / 10.69	183 / 272	140	334 / 151	3.8 / 96
4D010M03010G00Y	1	3	0.448 / 11.38	221 / 329	165	421 / 191	4 / 102
4D010M02010G00Y	1	2	0.479 / 12.17	269 / 401	190	531 / 241	4.3 / 109
4D010M01014G00Y	1	1	0.588 / 14.94	365 / 543	220	670 / 304	5.3 / 134
4D010M1/014G00Y	1	1/0	0.628 / 15.95	443 / 659	260	845 / 383	5.7 / 144
4D010M2/014G00Y	1	2/0	0.671 / 17.04	540 / 804	300	1065 / 483	6 / 153
4D010M3/014G00Y	1	3/0	0.722 / 18.34	662 / 985	350	1336 / 606	6.5 / 165
4D010M4/014G00Y	1	4/0	0.778 / 19.76	813 / 1210	405	1693 / 768	7 / 178
4D010M25016G00Y	1	250	0.884 / 22.45	976 / 1452	455	2000 / 907	8 / 202
4D010M35016G00Y	1	350	0.987 / 25.07	1317 / 1960	570	2800 / 1270	8.9 / 226
4D010M50016G00Y	1	500	1.115 / 28.32	1821 / 2709	700	4000 / 1814	10 / 255
4D010M75016G00Y	1	750	1.294 / 32.87	2652 / 3946	885	6000 / 2722	11.6 / 296

*Ampacity value based on Canadian Electrical Code, Version 2018, Table-1.

FOR FURTHER INFORMATION, PLEASE CONTACT:

Americas: 800 422 6872

Canada: 800 845 6808

Asia Pacific: +86 512 82280099

Europe: +49 2226 9047 55

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