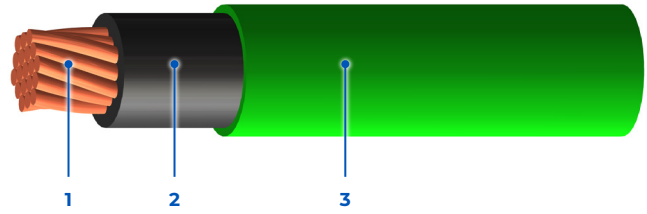


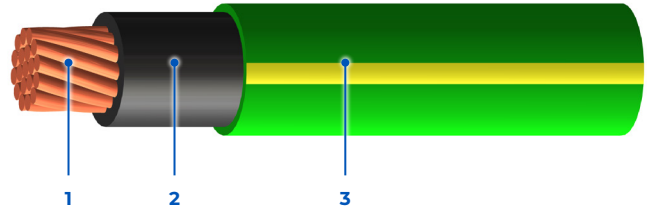
# CSA Safe-T-Ground Green/Stripes, Single Conductor, 1000 V

Tray 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.



**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:**



**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)<sup>†</sup>
- 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
- XLPE (RW90 rated), 90°C wet/dry
- UV sunlight resistant “SUN RES” (all colours)
- Direct burial rated<sup>†</sup>
- -40°C cold bend/ impact 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)
- 1/0 and larger CSA TC rated

**Colour Coding**

- Black conductor (standard)

**1000 V**

**Voltage (Optional: 600, 2000 V)**

**CSA Type RW90 TC**

**Grounding**

<sup>†</sup>Type TC, Direct Burial rating, and referenced hazardous locations usage are only applicable to conductor sizes 1/0 AWG and larger.

# CSA Safe-T-Ground Green/Stripes, Single Conductor, 1000 V

## 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/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
4D010M08010G000	1	8	18	0.307 / 7.8	80	132 / 60	2.8 / 70
4D010M06010G000	1	6	16	0.374 / 9.5	105	210 / 95	3.4 / 85
4D010M04010G000	1	4	14	0.421 / 10.7	140	334 / 151	3.8 / 96
4D010M03010G000	1	3	12	0.448 / 11.4	165	421 / 191	4 / 102
4D010M02010G000	1	2	12	0.479 / 12.2	190	531 / 241	4.3 / 109
4D010M01014G000	1	1	10	0.588 / 14.9	220	670 / 304	5.3 / 134
4D010M1/014G000	1	1/0	10	0.628 / 16.0	260	845 / 383	5.7 / 144
4D010M2/014G000	1	2/0	10	0.671 / 17.0	300	1065 / 483	6 / 153
4D010M3/014G000	1	3/0	10	0.722 / 18.3	350	1336 / 606	6.5 / 165
4D010M4/014G000	1	4/0	8	0.778 / 19.8	405	1693 / 768	7 / 178
4D010M25016G000	1	250	8	0.884 / 22.5	455	2000 / 907	8 / 202
4D010M35016G000	1	350	8	0.987 / 25.1	570	2800 / 1270	8.9 / 226
4D010M50016G000	1	500	6	1.115 / 28.3	700	4000 / 1814	10 / 255
4D010M75016G000	1	750	6	1.294 / 32.0	885	6000 / 2722	11.6 / 296

\* Ampacity value based on Canadian Electrical Code, Part 1 (2021 25th Edition), Table 1.

# CSA Safe-T-Ground Green/Stripes, Single Conductor, 1000 V

## 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/kcmil)	(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 / 10.7	183 / 272	140	334 / 151	3.8 / 96
4D010M03010G00Y	1	3	0.448 / 11.4	221 / 329	165	421 / 191	4 / 102
4D010M02010G00Y	1	2	0.479 / 12.2	269 / 401	190	531 / 241	4.3 / 109
4D010M01014G00Y	1	1	0.588 / 14.9	365 / 543	220	670 / 304	5.3 / 134
4D010M1/014G00Y	1	1/0	0.628 / 16.0	443 / 659	260	845 / 383	5.7 / 144
4D010M2/014G00Y	1	2/0	0.671 / 17.0	540 / 804	300	1065 / 483	6 / 153
4D010M3/014G00Y	1	3/0	0.722 / 18.3	662 / 985	350	1336 / 606	6.5 / 165
4D010M4/014G00Y	1	4/0	0.778 / 19.8	813 / 1210	405	1693 / 768	7 / 178
4D010M25016G00Y	1	250	0.884 / 22.5	976 / 1452	455	2000 / 907	8 / 202
4D010M35016G00Y	1	350	0.987 / 25.1	1317 / 1960	570	2800 / 1270	8.9 / 226
4D010M50016G00Y	1	500	1.115 / 28.3	1821 / 2709	700	4000 / 1814	10 / 255
4D010M75016G00Y	1	750	1.294 / 32.9	2652 / 3946	885	6000 / 2722	11.6 / 296

\* Ampacity value based on Canadian Electrical Code, Part 1 (2021 25th Edition), Table 1.