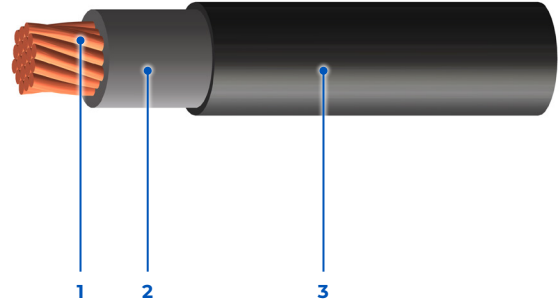


# CSA Unarmoured Tray Power, Single Conductor, 1000 V

Tray Power 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.

## Standards:



1 – Strand Bare (ASTM B8) Annealed Copper Conductors

2 – XLPE (RW90 Rated) Insulated Conductor

3 – FR PVC Outer Protective Jacket

## Product Construction

### Insulation:

- XLPE (RW90 rated) rated: 90°C wet/105°C dry

### Shielding:

- OS (optional)

### Jacket:

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

### Available in:

- Custom insulation/jacket colours
- Composite constructions
- Aluminum conductors

## Certification/Compliances

- CSA C22.2 NO. 230, Tray Cables (TC)
- CSA C22.2 NO. 239, Control & Instrumentation Cables (Type CIC)
- 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/ 105°C 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)

## 1000 V

### Voltage

Optional:  
600/2000 V

### Color Coding

- Black conductor (standard)

## CSA Type TC

### Power

# CSA Unarmoured Tray Power, Single Conductor, 1000 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX. PULLING TENSION (PULLING EYE)	MIN. BEND RADIUS (PULL)
		<i>AWG/kcmil</i>	<i>in/mm</i>	<i>lbs/1000ft kg/km</i>	<i>30°C ambient</i>	<i>lb/kg</i>	<i>in/mm</i>
4D010M1/0140000	1	1/0	0.628 / 16.0	443 / 659	260	845 / 383	5.7 / 144
4D010M2/0140000	1	2/0	0.671 / 17.0	539 / 803	300	1065 / 483	6 / 153
4D010M3/0140000	1	3/0	0.722 / 18.3	661 / 984	350	1336 / 606	6.5 / 165
4D010M4/0140000	1	4/0	0.778 / 19.8	812 / 1209	405	1693 / 768	7 / 178
4D010M250160000	1	250	0.884 / 22.5	975 / 1450	455	2000 / 907	8 / 202
4D010M300160000	1	300	0.937 / 23.8	1145 / 1704	500	2400 / 1089	8.4 / 214
4D010M350160000	1	350	0.987 / 25.1	1316 / 1958	570	2800 / 1270	8.9 / 226
4D010M500160000	1	500	1.115 / 28.3	1819 / 2707	700	4000 / 1814	10 / 255
4D010M750160000	1	750	1.294 / 32.9	2650 / 3944	885	6000 / 2722	11.6 / 296
4D010MA00160000	1	1000	1.443 / 36.7	3459 / 5147	1055	8000 / 3629	13 / 330

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