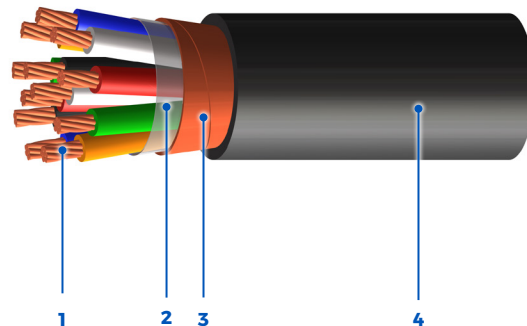


CSA Utility Power & Control, Tray Multi-Conductor, 1000 V

Utility cables are the ideal choice for applications that require an extra level of durability and noise protection in Utility applications.

Standards:



1 – Stranded Bare Copper Conductors (Tin-coated Available)

2 – XLPE (RW90 Rated) Insulated Conductors

3 – Bare Copper Tape Shield (Tin-coated available)

4 – FR PVC Outer Protective Jacket

Product Construction

Insulation:

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

Shielding:

- Copper tape shield (standard)
- Available in various configurations

Jacket:

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

Available in:

- Custom insulation/jacket colours
- LSZH Jacket
- Conductor, pairs & triads, composite constructions

Certification/Compliances

- CSA C22.2 No. 230, Tray cables
- C22.2 No. 239, Control and instrumentation cables
- CSA C22.2 No. 38, Thermoset Insulated Wires & Cables (XLPE)
- CSA C22.2 No. 2556/UL 2556 FT4, Vertical Tray Flame Test rated
- IEEE 383/1202 (70,000 BTU/hr), Vertical Flame Test rated
- UV sunlight resistant "SUN RES" (all colours)
- Direct burial rated
- - 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)

1000 V

Voltage

Optional:

300, 600, 2000 V

Colour Coding

- 2C – Black & white
- 3C – Black, red & blue
- 4C – Black, red, blue and white
- 5C or greater – Black, number-coded with white ink (colour coding available)

Note:

- Type CIC and 105°C insulation temperature dry rating applicable to 20 - 4/0 AWG copper conductor sizes, in 300, 600, and 1000 V. In all other constructions, the insulation temperature dry rating is 90°C.
- Type RW90 applicable to 14 AWG - 2000 kcmil copper conductor sizes, in 600, 1000, and 2000 V.

CSA Type CIC RW90 TC

Power & Control

CSA Utility Power & Control, Tray 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)
		<i>AWG or kcmil</i>	<i>AWG</i>	<i>in. mm</i>	<i>lb/1000ft kg/km</i>	<i>30°C ambient</i>	<i>lb kg</i>	<i>in. mm</i>
4D01HM140300000	3	14	14	0.494 12.5	161 239	25	99 45	8.9 226
4D01HM120300000	3	12	12	0.564 14.3	218 325	30	157 71	10.1 258
4D01HM100300000	3	10	10	0.619 15.7	287 427	40	249 113	11.1 283
4D01HM080300000	3	8	10	0.684 17.4	375 558	55	397 180	12.3 313
4D01HM060300000	3	6	8	0.833 21.2	558 831	75	629 285	15.0 381
4D01HM040300000	3	4	8	0.950 24.1	782 1164	95	1002 454	17.1 435
4D01HM020300000	3	2	6	1.075 27.3	1112 1654	130	1593 723	19.4 492
4D01HM010340000	3	1	6	1.245 31.6	1392 2072	145	2009 911	22.4 569
4D01HM1 0340000	3	1/0	6	1.331 33.8	1639 2439	170	2534 1150	24.0 608
4D01HM2 0340000	3	2/0	6	1.423 36.2	1957 2912	195	3194 1449	25.6 651
4D01HM3 0340000	3	3/0	4	1.533 38.9	2413 3592	225	4007 1818	27.6 701
4D01HM4 0340000	3	4/0	4	1.653 42.0	2922 4349	260	5078 2304	29.8 756
4D01HM250360000	3	250	4	1.855 47.1	3455 5141	290	6000 2722	33.4 848
4D01HM350360000	3	350	3	2.077 52.8	4615 6868	350	8400 3810	37.4 950
4D01HM500360000	3	500	3	2.352 59.7	6257 9311	430	12000 5443	42.3 1075
4D01HM750360000	3	750	2	2.737 69.5	8992 13381	535	18000 8165	49.3 1251

*Ampacity value based on Canadian Electrical Code, Part 1 (2021 25th Edition), Table 2. Values are corrected for number of insulated conductors as applicable according to Table 5C.