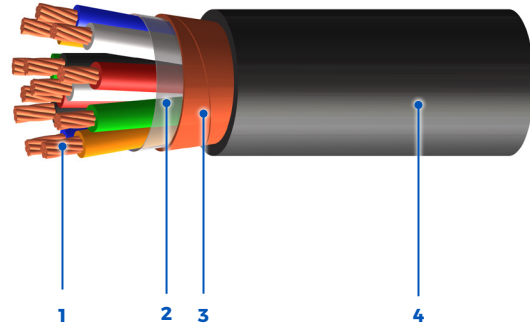


CSA Utility Unarmoured Power & Control, Multi-Conductor, 1000 V

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 (ASTM B8) Annealed Copper Conductors (Tin-coated Available)
 2 - XLPE (RW90 Rated) Insulated Conductors

3 - Bare/Tin-coated Copper Tape Shield
 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

Armour:

- Aluminum Interlocked Armour (AIA) (optional)
- Steel Interlocked Armour (SIA) (optional)
- Serve Wired Armour (SWA) (optional)

Jacket:

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

Available in:

- Custom insulation/jacket colours
- LSZH Jacket
- 1-50 Conductor, pairs & triads & composite constructions

Certification/Compliances

- CSA C22.2 #230, Tray Cables (TC)
- C22.2 #239, Instrumentation, (CIC)
- CSA C22.2 #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
- 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 1 Zone 2 (Div 2)

1000 V

Voltage

Optional:
300/600/2000 V

Color Coding

- 2C - Black & white
- 3C - Black, red & blue
- 4C - Black, red, blue and white
- 5C-50C - Black # coded (colour coding available)

CSA Type TC

Power & Control

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

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	GROUND WIRE SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX. PULLING TENSION (PULLING EYE)	MIN. BEND RADIUS (PULL)
		AWG/kcmil	AWG/kcmil	in/mm		30°C ambient	lb/kg	in/mm
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 / 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 / 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, Version 2018, Table-2.