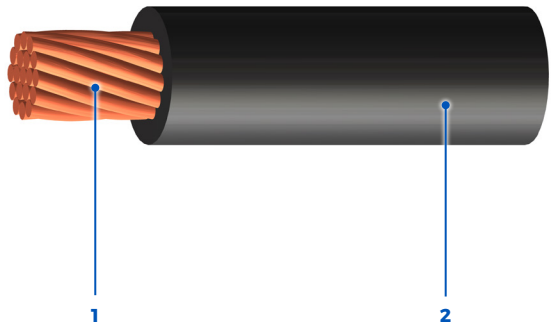


CSA Type RW90, Single Conductor, 1000 V

For use in open wiring and raceways (with the exception of cable troughs and ventilated flexible cableways) in dry or wet locations. For open wiring exposed to the weather. Maximum conductor temperature 90°C.

Standards:



1 – Stranded Bare Copper Conductors (Tin-coated Available)
2 – XLPE (RW90 Rated) Insulated Conductor

Product Construction

Insulation:

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

Available in:

- All colours
- Aluminum conductor
- FT1 flame test
- FT4 flame test
- Sunlight resistant
- Oil Resistant PRI
- Halogen-free

Certification/Compliances

- CSA C22.2 No. 38, Thermoset-insulated wires and cables
- - 40°C cold bend/impact rated

1000 V

Voltage

Optional 600, 2000 V

CSA Type RW90

Power

Colour Coding

- Black conductor (standard)

CSA Type RW90, Single Conductor, 1000 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	INSULATION THICKNESS	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY*	MAX. PULLING TENSION (PULLING EYE)	MIN. BEND RADIUS (PULL)
		AWG or kcmil	in. / mm	in. / mm	lb/1000ft / kg/km	30°C ambient	lb / kg	in. / mm
10010M08010BN00	1	8	0.060 1.5	0.265 6.7	68 101	80	132 60	2.4 61
10010M06010BN00	1	6	0.060 1.5	0.302 7.7	101 150	105	210 95	2.7 69
10010M04010BN00	1	4	0.060 1.5	0.349 8.9	153 228	140	334 151	3.1 80
10010M03010BN00	1	3	0.060 1.5	0.376 9.6	190 282	165	421 191	3.4 86
10010M02010BN00	1	2	0.060 1.5	0.407 10.3	235 350	190	531 241	3.7 93
10010M01014BN00	1	1	0.080 2.0	0.486 12.3	303 451	220	670 304	4.4 111
10010M1/014BN00	1	1/0	0.080 2.0	0.526 13.4	376 559	260	845 383	4.7 120
10010M2/014BN00	1	2/0	0.080 2.0	0.569 14.5	467 694	300	1065 483	5.1 130
10010M3/014BN00	1	3/0	0.080 2.0	0.620 15.8	580 864	350	1336 606	5.6 142
10010M4/014BN00	1	4/0	0.080 2.0	0.676 17.2	723 1076	405	1693 768	6.1 155
10010M25016BN00	1	250	0.090 2.3	0.742 18.9	847 1260	455	2000 907	6.7 170
10010M35016BN00	1	350	0.090 2.3	0.845 21.5	1168 1738	570	2800 1270	7.6 193
10010M50016BN00	1	500	0.090 2.3	0.973 24.7	1646 2449	700	4000 1814	8.8 222
10010M75016BN00	1	750	0.090 2.3	1.152 29.3	2439 3629	885	6000 2722	10.4 263
10010MA0016BN00	1	1000	0.090 2.3	1.301 33.1	3214 4782	1055	8000 3629	11.7 297

*Ampacity value based on Canadian Electrical Code, Part 1 (2024 26th Edition), Table 1.