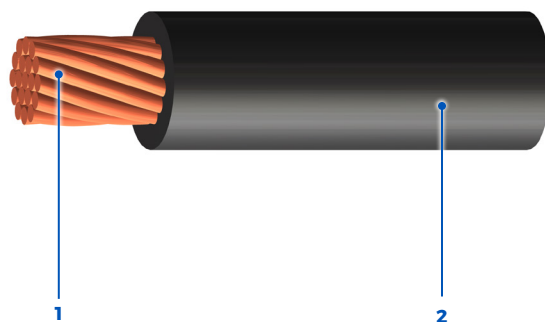


CSA Type RW90, Single Conductor, 600 V

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

600 V

Voltage

Optional:
1000, 2000 V

Colour Coding

- Black conductor (standard)

CSA Type RW90

Power

CSA Type RW90, Single Conductor, 600 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
19010M12010BN00	1	12	0.030 0.8	0.151 3.9	25 37	40	52 24	1.4 35
19010M10010BN00	1	10	0.030 0.8	0.176 4.5	37 56	55	83 38	1.6 40
19010M08010BN00	1	8	0.045 1.1	0.235 6.0	63 94	80	132 60	2.1 54
19010M06010BN00	1	6	0.045 1.1	0.272 6.9	96 142	105	210 95	2.4 62
19010M04010BN00	1	4	0.045 1.1	0.319 8.1	147 219	140	334 151	2.9 73
19010M03010BN00	1	3	0.045 1.1	0.346 8.8	183 272	165	421 191	3.1 79
19010M02010BN00	1	2	0.045 1.1	0.377 9.6	228 339	190	531 241	3.4 86
19010M01014BN00	1	1	0.055 1.4	0.436 11.1	289 430	220	670 304	3.9 100
19010M1/014BN00	1	1/0	0.055 1.4	0.476 12.1	360 536	260	845 383	4.3 109
19010M2/014BN00	1	2/0	0.055 1.4	0.519 13.2	449 669	300	1065 483	4.7 119
19010M3/014BN00	1	3/0	0.055 1.4	0.570 14.5	562 836	350	1336 606	5.1 130
19010M4/014BN00	1	4/0	0.055 1.4	0.626 15.9	703 1046	405	1693 768	5.6 143
19010M25016BN00	1	250	0.065 1.7	0.692 17.6	824 1227	455	2000 907	6.2 158
19010M35016BN00	1	350	0.065 1.7	0.795 20.2	1142 1700	570	2800 1270	7.2 182
19010M50016BN00	1	500	0.065 1.7	0.923 23.4	1616 2405	700	4000 1814	8.3 211
19010M75016BN00	1	750	0.080 2.0	1.132 28.8	2424 3608	885	6000 2722	10.2 259
19010MA0016BN00	1	1000	0.080 2.0	1.281 32.5	3197 4758	1055	8000 3629	11.5 293

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