



Made in the U.S.A

RW90 COPPER CONDUCTOR

STANDARDS- RW90 meets or exceeds the following standards:

CSA SPEC. C22.2, NO 38/ CSA FILE NUMBER - 249025

SIZE (AWG)	NUMBER OF STRANDS	INSULATION THICKNESS IN MILS	APPROX. O.D. INCHES	ALLOWABLE AMPACITY		APPROX. WEIGHT PER 1000' IN POUNDS
				75c	90c	
14	SOLID	.030	0.124	20	25	15
12	SOLID	.030	0.141	25	30	24
10	SOLID	.030	0.162	35	40	36
14	7	.030	0.131	20	25	18
12	7	.030	0.149	25	30	26
10	7	.030	0.171	35	40	40
8	7	0.045	0.236	50	55	67
6	7	0.045	0.274	65	75	100
4	7	0.045	0.322	85	95	150
3	7	0.045	0.35	100	115	205
2	7	0.045	0.382	115	130	230
1	19	0.055	0.431	130	145	291
1/0	19	0.055	0.47	150	170	362
2/0	19	0.055	0.514	175	195	445
3/0	19	0.055	0.564	200	225	564
4/0	19	0.055	0.62	230	260	707
250 MCM	37	0.065	0.672	255	290	836
300 MCM	37	0.065	0.724	285	320	996
350 MCM	37	0.065	0.771	310	350	1155
400 MCM	37	0.065	0.815	335	380	1315
500 MCM	37	0.065	0.896	380	430	1632
600 MCM	61	.080	1.026	420	475	1950

* Ampacity shown above is per the 2015 National Electric Code. The above data is approximate and subject to normal manufacturing tolerances.

- CONDUCTORS:** Stranded/ Sol, uncoated, bare copper per ASTM B800 and ASTM B801
- CONDUCTORS INSULATION:** Cross-Linked Polyethylene (XLP) insulation per CUL-44
- SPECIFICATIONS:** Sunlight Resistant (all sizes and colors).
Lead free-ROHS Compliant.

APPLICATION NOTES

Republic Wire's RW90 cable is primarily used for power distribution. RW90 may be used in wet and dry locations, with temperatures not less than -40c and not to exceed 90c. Voltage rating for RW90 cable is 600V.