



RW90 COPPER CONDUCTOR -40°C

STANDARDS

CSA SPEC. C22.2, NO 38; FILE LISTING LL90458

SIZE (AWG)	NUMBER OF STRANDS	INSULATION THICKNESS IN MILS XLP	APPROX. O.D. INCHES	ALLOWABLE AMPACITIES			APPROX. WEIGHT PER 1000 FT. IN POUNDS
				60C	75C	90C	
12	Solid	.045	.176	20	20	20	28
10	Solid	.045	.199	30	30	30	41
14	7	.045	.160	15	15	15	21
12	7	.045	.179	20	20	20	30
10	7	.045	.202	30	30	30	43
8	7	.060	.266	40	50	55	72
6	7	.060	.304	55	65	75	106
4	7	.060	.352	70	85	95	157
3	7	.060	.380	85	100	110	201
2	7	.060	.412	95	115	130	237
1	19	.080	.481	110	130	150	309
1/0	19	.080	.520	125	150	170	382
2/0	19	.080	.564	145	175	195	471
3/0	19	.080	.614	165	200	225	587
4/0	19	.080	.670	195	230	260	729
250 MCM	37	.095	.732	215	255	290	861
300 MCM	37	.095	.784	240	285	320	1029
350 MCM	37	.095	.831	260	310	350	1193
400 MCM	37	.095	.875	280	335	380	1354
500 MCM	37	.095	.956	320	380	430	1676
600 MCM	61	.110	1.086	355	420	475	2012
750 MCM	61	.110	1.188	455	545	615	2493

CONDUCTORS: Stranded conductors uncoated copper ASTM B787 and ASTM B8.
CONDUCTORS INSULATION: Cross-Linked Polyethylene (XLP) insulation per CSA SPEC C22.2.
SPECIFICATIONS: Sunlight Resistant (6 GA and larger) VW-1 available in all sizes.
 Lead Free-ROHS Compliant

APPLICATION NOTES

Type RW90 copper conductors are suitable for use in conduit and raceways installed underground in conduits, in wet locations, and where condensation and moisture accumulations within the conduit do not exceed 90°C. When used as RHH or RHW-2, conductor temperatures shall not exceed 90°C in wet or dry locations. Voltage rating for RW90 conductors is 600 volts. Insulation rated for use to -40°C (UL).