

600V RW90 Cable

(Single Al alloy conductor XLPE insulated cable)



Application

RW90 conductors are primarily used in conduit or recognized raceways for service, feeders, and branch circuit wiring as specified in the Canadian Electrical Code. RW90 conductors may be used in wet or dry locations.

Construction

The stranded compacted 8000 series aluminium alloy conductor is insulated with flame retardant black XLPE.

Technical Data

Rated Voltage	600V
Operating Temperature	Max permissible continuous operating temperature of conductor shall not exceed 90°C.
Standard	CSA22.2 NO.38 or other standards required by customers.

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Conductor*		Nominal thickness of insulation mil	Approx. Overall Diameter inch	Conductor*		Nominal thickness of insulation mil	Approx. Overall Diameter inch
Size AWG or MCM	No. of Strands			Size AWG or MCM	No. of Strands		
8	7	45	0.227	250	35	65	0.653
6	7	45	0.262	300	35	65	0.703
4	7	45	0.306	350	35	65	0.749
2	7	45	0.361	400	35	65	0.792
1	18	55	0.412	500	35	65	0.869
1/0	18	55	0.449	600	58	80	0.979
2/0	18	55	0.489	700	58	80	1.040
3/0	18	55	0.536	750	58	80	1.071
4/0	18	55	0.588	1000	58	80	1.223