

600V RW90 Cable (Single Al alloy conductor XLPE insulated cable)



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



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.



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.



Packing: Coil, steel/wooden reel, wooden reel or steel reel.



600V RW90

Conductor		Nominal thickness of insulation mil	Approx. Overall Diameter	Conductor		Nominal thickness of insulation mil	Approx. Overall Diameter
Size AWG or MCM	No. of Strands		inch	Size AWG or MCM	No. of Strands		inch
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

1000V RWU90 (Single Al alloy conductor XLPE insulated cable)



Construction: The stranded compacted 8000 series aluminium alloy conductor is insulated with abrasion, moisture and heat resistant and flame retardant black XLPE.



Application: RWU90 conductors are primarily used in conduit or recognized raceways for service, feeders, and branch circuit wiring as specified in the National Electrical Code. RWU90 conductors may be used in wet or dry locations.



Rated Voltage: 1000V



Operating Temperature: Max permissible continuous operating temperature of conductor shall not exceed 90°C.



Standard: UL44 and CSA22.2 NO.38 or other standards required by customers.



Packing: Coil, steel/wooden reel, wooden reel or steel reel.



1000V RWU90

Conductor		Nominal thickness of insulation mil	Approx. Overall Diameter	Conductor		Nominal thickness of insulation mil	Approx. Overall Diameter
Size AWG or MCM	No. of Strands		inch	Size AWG or MCM	No. of Strands		inch
8	7	80	0.227	250	35	110	0.653
6	7	80	0.262	300	35	110	0.703
4	7	80	0.306	350	35	110	0.749
2	7	80	0.361	400	35	110	0.792
1	18	95	0.412	500	35	110	0.869
1/0	18	95	0.449	600	58	125	0.979
2/0	18	95	0.489	700	58	125	1.040
3/0	18	95	0.536	750	58	125	1.071
4/0	18	95	0.588	1000	58	125	1.223