

AC90 (Canadian Standards)



Construction: Semi-annealed 8000 Series Aluminium Alloy Conductors with XLPE insulation and bare copper ground wire, wrapped and covered with bare interlocked aluminum armour.



Application : AC90 Cable is suitable for use as follows: branch, feeder and service power distribution in commercial, industrial, multi-residential buildings, theaters and places of assembly. It is installed in cable tray and approved raceways. It is suitable for use in wet or dry locations. Its Maximum voltage rating for all applications is 600 Volts.



Rated Voltage: 600V



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



Bending Radius: 14D, D= Actual outer diameter of cable (mm)



Standard: CSA C22.2No.51 or other standards required by customers.



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



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Size AWG or kcmil	Insulation Thickness mm	Apr. Diameter over Amour mm	Apr. Weight kg/km
		Apr. Diameter	
1*4/0+2	1.27	28.4	699.7
1*250+1	1.52	29.1	791.0
1*350+1/0	1.52	31.9	1002.6
1*500+2/0	1.52	35.4	1307.9
1*600+2/0	1.52	39.4	1516.1
1*750+3/0	1.52	40.4	2025.3
3*2+6	1.02	26.0	599.9
3*1+4	1.27	28.8	796.4
3*1/0+4	1.27	30.9	924.6
3*2/0+4	1.27	33.1	1079.5
3*3/0+4	1.27	35.8	1271.1
3*4/0+4	1.27	38.7	1506.2
3*250+2	1.52	42.3	1790.7
3*350+2	1.52	47.3	2364.0
3*500+1	1.52	53.9	3149.3
3*600+1	1.52	58.2	3656.4
3*750+1/0	1.52	63.4	4420.4
4*2+6	1.02	28.3	781.9
4*1+4	1.27	31.6	989.0
4*1/0+4	1.27	33.9	1155.3
4*2/0+4	1.27	36.4	1356.8
4*3/0+4	1.27	39.3	1606.5
4*4/0+4	1.27	42.6	1913.4
4*250+2	1.52	46.3	2332.6
4*350+2	1.52	52.2	3012.3
4*500+1	1.52	59.7	4034.3
4*600+1	1.52	64.1	5133.8
4*750+1/0	1.52	70.3	5694.7