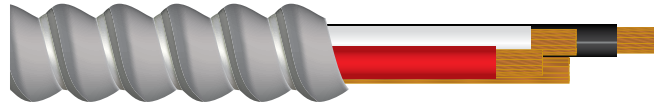


AC90 XLPE 600V 90°C



- Description** Two, three or four copper conductors with low temperature Exelene* insulation (RW90 XLPE) and bare copper bonding wire. Conductor assembly paper wrapped and covered with bare interlocked aluminum armour. Rated 600 volts.
- Temperature** -40°C to +90°C
- Jackets** Standard colours are available.
Standard Black #6 and larger is sunlight resistant and marked "Outdoor"; coloured insulation is NOT.
- Approvals** CSA Spec C22.2 No. 51-M89
- Application** For open and concealed wiring in dry locations only.
For use in cable troughs and ventilated flexible cableways in dry locations only. Minimum recommended installation temperature minus 40°C (with suitable handling procedures).
Maximum conductor temperature 90°C. Approved for use with ceiling fixtures.

Product Code	Size	Strand	Cond	Insulation Thickness		Bonding Wire**	Approx Diameter		Approx Net Cable Weight Copper Cond		Ampacity (30°C Ambient)
				mm	in		mm	in	kg/km	lbs/mft	
210340	14	1	2	0.76	.030	14	12.0	.47	145	98	15
210350	12	1	2	0.76	.030	14	12.8	.51	176	115	20
210360	10	1	2	0.76	.030	12	13.9	.55	233	156	30
210370	14	1	3	0.76	.030	14	12.5	.49	170	115	15
210380	12	1	3	0.76	.030	14	13.4	.53	215	145	20
210390	10	1	3	0.76	.030	12	14.6	.57	290	195	30
210400	8	7	3	1.14	.045	10	19.1	.75	505	340	45
210410	6	7	3	1.14	.045	8	21.3	.84	705	475	65
210420	4	7	3	1.14	.045	8	24.1	.95	965	650	85
210430	3	7	3	1.14	.045	6	25.4	1.00	1195	800	105
210440	2	7	3	1.14	.045	6	26.9	1.06	1410	950	120
210500	14	1	4	0.76	.030	14	13.3	.52	203	137	15
210510	12	1	4	0.76	.030	14	14.3	.56	260	175	20
210520	10	1	4	0.76	.030	12	15.6	.62	355	239	30
210530	8	7	4	1.14	.045	10	18.5	.73	525	355	45
210540	6	7	4	1.14	.045	8	23.5	.93	875	585	65
210550	4	7	4	1.14	.045	8	26.0	1.03	1215	815	85

**Copper bonding wire supplied with copper conductors. Aluminum bonding wire supplied with aluminum conductors.

Colour Code: 2C - Black, White 3C - Black, White, Red 4C - Black, Red, Blue, White

#For 3-wire 120/240 and 120/208V residential services or sub-services, the allowable ampacity for sizes #6, #2 and #4/0 AWG aluminum shall be 60, 100 and 200 amperes respectively. #2/0 AWG copper shall be 200 amperes. In these cases, the 5% adjustment per C.E. Code Rule 8-106(1) cannot be applied.

Assuming 4th conductor is the neutral of a balanced 3 phase 4 wire system.