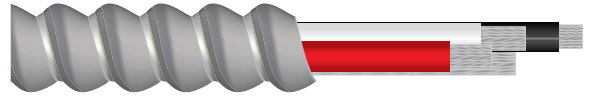


AC90 600V INSULATED WIRE ALUMINUM

Description Two, three or four aluminum conductors with low temperature Exelene* insulation (RW90 XLPE) and bare aluminum bonding wire. Conductor assembly paper wrapped and covered with bare interlocked aluminum armour. Rated 600 Volts.

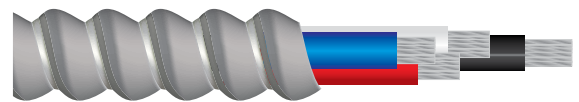
Temperature -40°C to +90°C

Application For open and concealed wiring in dry locations only.
For use in cabletroughs and ventilated flexible cableways in dry locations only.
Approved for use with ceiling fixtures.



Three Conductors

Product Code	AWG Size	Strands	Bonding Wire	Insulation Thickness		Approx Diameter		Approx Net Cable Weight Aluminum Cond		Ampacity (30°C Ambient)
				mm	in	mm	in	kg/km	lbs/mft	
220400	6	7	8	1.14	0.045	21.4	0.84	324	217	55#
220410	4	7	6	1.14	0.045	23.9	0.95	436	292	65
220420	2	7	6	1.14	0.045	26.8	1.06	577	387	95#
220430	1	19	4	1.4	0.055	30.5	1.2	695	466	105
220440	1/0	19	4	1.4	0.055	32.5	1.28	826	554	120
220450	2/0	19	4	1.4	0.055	34.9	1.38	971	651	145
220460	3/0	19	4	1.4	0.055	37.7	1.49	1150	771	165
220470	4/0	19	4	1.4	0.055	40.8	1.61	1421	953	185#
220480	250	37	2	1.65	0.065	42.5	1.75	1696	1137	215
220490	350	37	2	1.65	0.065	48	2.02	2200	1475	260
220500	500	37	1	1.65	0.065	54.8	2.3	2964	1988	330
220510	750	61	1/0	2.03	0.08	64	2.75	4194	2812	405



Four Conductors

Product Code	AWG Size	Strands	Bonding Wire	Insulation Thickness		Approx Diameter		Approx Net Cable Weight Aluminum Cond		Ampacity (30°C Ambient)
				mm	in	mm	in	kg/km	lbs/mft	
220520	6	7	8	1.14	0.045	23.5	0.93	402	270	55#
220530	4	7	6	1.14	0.045	26	1.03	538	361	65
220540	2	7	6	1.14	0.045	30	1.18	720	438	95#
220550	1	19	4	1.4	0.055	33.1	1.31	890	597	105
220560	1/0	19	4	1.4	0.055	35.7	1.41	1044	700	120
220570	2/0	19	4	1.4	0.055	38.4	1.51	1231	825	145
220580	3/0	19	4	1.4	0.055	41.4	1.63	1512	1014	165
220590	4/0	19	4	1.4	0.055	43	1.82	1810	1214	185#
220600	250	37	2	1.65	0.065	47	1.98	2158	1447	215
220620	350	37	2	1.65	0.065	52.8	2.22	2818	1830	260
220640	500	37	1	1.65	0.065	60.3	2.54	3817	2560	330
-	750	61	1/0	2.03	0.08	70.3	3.04	5430	2641	405

** Aluminum bonding wire supplied with aluminum conductors.

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. In these cases, the 5% adjustment per C.E. Code Rule 8-106(1) cannot be applied. Assuming 4th conductor is neutral of a balanced 3 phase 4 wire system.