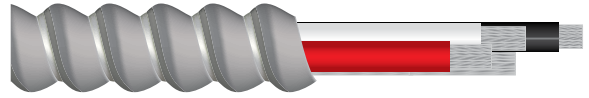


# AC90 600V INSULATED WIRE ALUMINUM

**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.

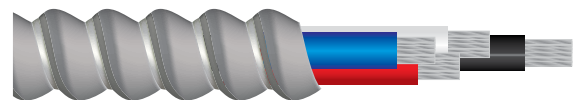
**Temperature** -40°C to +90°C

**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.