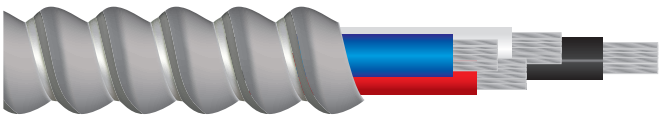
4 Conductor AC90 600V Aluminum



Conductor	6 AWG through 750 kcmil compact class "B" stranded aluminum (8000 series aluminum)
Armour	Aluminum interlocked armour
Insulation	Cross-linked Polyethylene (XLPE) Type RW90
Temperature	-40°C to +90°C
Ground	One (1) bare stranded class "B" aluminum conductor
Voltage	600V
Jacket	Low acid gas, flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC), black
Applications	For exposed and concealed wiring in dry, damp or wet locations For use in ventilated, Non-ventilated and ladder-type cable trays in dry locations.
Approvals	Industry compliances: CSA Standard C22.2 No. 51 No. 38 and No. 2256 RoHS Flame test compliances: CSA ST1 and FT4
Colour Coding	#6 AWG through #2: black, red, white #1 AWG through 750 kcmil: black with colour code

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

**** 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 theses 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.