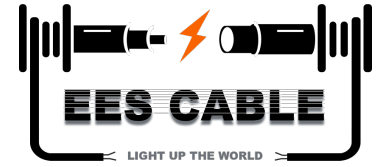


ASTM B711

Aluminum Alloy Conductor Steel Reinforced (AACSR)



Cross Section			No. of Wires	Dia. of Wires	No. of Wires	Dia. of Wires	Overall Diameter	Linear Mass	Rated Tensile Strength	Max. DC Resistance at 20°C
Nominal	Alloy	Steel	Alloy Wires		Steel Wires					
mm ²	mm ²	mm ²	-	mm	-	mm	mm	kg/km	daN	Ω/km
163	140	23	26	2.62	7	2.04	16.60	560	7500	0.240
173	140	33	30	2.44	7	2.44	17.10	650	8740	0.240
186	160	26	26	2.80	7	2.18	17.70	645	8560	0.210
198	160	38	30	2.61	7	2.61	18.30	740	10600	0.210
209	180	29	26	2.97	7	2.31	18.80	725	9510	0.187
222	180	42	30	2.76	7	2.76	19.30	825	11200	0.187
232	200	32	26	3.13	7	2.43	19.80	800	10600	0.168
247	200	47	30	2.91	7	2.91	20.40	920	12400	0.168
260	224	36	26	3.31	7	2.57	21.00	900	11800	0.150
276	224	52	30	3.08	7	3.08	21.60	1025	13900	0.150
291	250	41	26	3.50	7	2.72	22.20	1010	12900	0.135
308	250	58	30	3.26	7	3.26	22.80	1145	15600	0.135
326	280	46	26	3.70	7	2.88	23.40	1140	14400	0.120
345	280	65	30	3.45	7	3.45	24.20	1280	17100	0.120
367	315	52	26	3.93	7	3.06	24.90	1276	16300	0.107
387	315	72	30	3.66	19	2.20	25.60	1433	19000	0.107
413	355	58	26	4.17	7	3.24	26.40	1433	18300	0.095
436	355	81	30	3.88	19	2.33	27.20	1614	21100	0.095
465	400	65	26	4.43	7	3.45	28.10	1612	20700	0.084
491	400	91	30	4.12	19	2.47	28.80	1816	23700	0.084
509	450	59	54	3.26	19	1.98	29.50	1703	21500	0.075
563	500	63	54	3.43	19	2.06	30.90	1873	22900	0.067
631	560	71	54	3.63	19	2.18	32.70	2101	25700	0.060
710	630	80	54	3.85	19	2.31	34.60	2365	28600	0.053
800	710	90	54	4.09	19	2.45	36.80	2665	32200	0.047
901	800	101	54	4.34	19	2.60	39.00	3000	36300	0.042
973	900	73	84	3.69	19	2.21	40.60	3062	35500	0.037
1081	1000	81	84	3.89	19	2.33	42.80	3395	39100	0.034
1211	1120	91	84	4.12	19	2.47	45.30	3803	43900	0.030
1352	1250	102	84	4.35	19	2.61	47.80	4250	49000	0.027