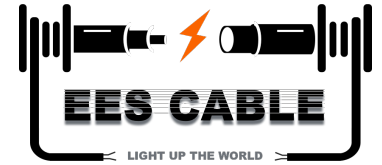


IEC 61089

Aluminum Alloy Conductor Steel Reinforced (AACSR)



Code Number	A2 Conductors						A3 Conductors						Max. DC Resistance at 20°C
	No./Dia. of Al Alloy	No./Dia. of Steel Wire	Overall Diameter	Approx. Weight	Rated Strength		No./Dia. of Al Alloy	No./Dia. of Steel Wire	Overall Diameter	Approx. Weight	Rated Strength		
					A2/S1A	A2/S3A					A3/S1A	A3/S3A	
mm ²	No./mm	No./mm	mm	kg/km	kN	kN	No./mm	No./mm	mm	kg/km	kN	kN	Ω/km
16	6/1.98	1/1.98	5.93	74.4	9.02	9.88	6/1.99	1/1.99	5.96	75.1	9.67	10.53	1.7934
25	6/2.47	1/2.47	7.41	116.2	13.96	15.25	6/2.48	1/2.48	7.45	117.3	14.96	16.27	1.1478
40	6/3.13	1/3.13	9.38	185.9	22.02	24.17	6/3.14	1/3.14	9.42	187.7	23.63	25.79	0.7174
63	6/3.92	1/3.92	11.80	292.8	34.68	37.58	6/3.84	1/3.94	11.80	295.6	36.48	39.41	0.4555
100	18/2.85	1/2.85	14.30	366.4	41.24	42.97	18/2.87	1/2.87	14.30	369.9	45.12	46.86	0.2880
125	18/3.19	1/3.19	16.00	458.0	51.23	53.47	18/3.21	1/3.21	16.00	462.3	56.08	58.34	0.2304
125	26/2.65	7/2.06	16.80	579.9	69.86	76.42	26/2.07	7/2.07	16.90	585.4	74.88	81.50	0.2310
160	18/3.61	1/3.61	18.00	586.2	65.58	68.03	18/3.63	1/3.63	18.10	591.8	69.92	72.40	0.1800
160	26/3.00	7/2.34	19.00	742.3	88.52	96.61	26/3.02	7/2.35	19.10	749.4	94.94	103.11	0.1805
200	18/4.04	1/4.04	20.20	732.8	81.97	85.04	18/4.05	1/4.05	20.30	739.8	87.40	90.50	0.1440
200	26/3.36	7/2.61	21.30	927.9	110.64	120.77	26/3.37	7/2.62	21.40	936.7	118.67	128.89	0.1444
250	22/4.08	7/2.27	23.10	1013.5	117.09	124.72	22/4.10	7/2.28	23.20	1023.2	124.02	131.72	0.1154
250	26/3.75	7/2.92	23.80	1159.6	138.31	150.96	26/3.77	7/2.93	23.90	1170.9	145.43	158.21	0.1155
315	45/3.2	7/2.14	25.80	1196.5	136.28	143.30	45/3.22	7/2.15	25.70	1207.9	148.56	155.64	0.0917
315	26/4.21	7/3.28	26.70	1461.4	171.90	188.44	26/4.23	7/3.29	26.80	1475.9	180.86	197.55	0.0917
400	45/3.61	7/2.41	28.90	1519.4	172.10	180.36	45/3.63	7/2.42	29.00	1533.9	183.03	191.71	0.0722
400	54/3.29	7/3.29	29.70	1738.3	201.46	218.17	54/3.31	7/3.31	29.80	1754.9	217.32	234.19	0.0723
450	45/3.83	7/2.55	30.60	1709.3	193.61	203.28	45/3.85	7/2.56	30.80	1725.6	205.91	215.67	0.0642
450	54/3.49	7/3.49	31.50	1955.6	226.64	245.44	54/3.51	7/3.51	31.60	1974.2	239.26	255.52	0.0643
500	45/4.04	7/2.69	32.30	1899.3	215.12	225.86	45/4.05	7/2.70	32.40	1917.3	228.79	239.63	0.0578
500	54/3.68	7/3.68	33.20	2172.9	251.82	269.73	54/3.70	7/3.70	33.30	2193.6	265.84	283.91	0.0578
560	45/4.27	7/2.85	34.20	2127.2	240.93	252.97	45/4.29	7/2.86	34.30	2147.4	256.24	268.39	0.0516
560	54/3.9	19/2.34	35.10	2420.9	283.21	305.25	54/3.92	19/2.35	35.30	2444.0	298.92	321.17	0.0516
630	72/3.58	7/2.39	35.80	2248.0	249.62	258.08	72/3.60	7/2.40	36.00	2269.4	266.64	275.18	0.0459
630	54/4.13	19/2.48	37.20	2723.5	318.61	343.40	54/4.15	19/2.49	37.40	2749.5	336.28	361.32	0.0459
710	72/3.8	7/2.53	38.00	2533.4	281.32	290.85	72/3.82	7/2.55	38.20	2557.6	300.50	310.12	0.0407
710	54/4.39	19/2.63	39.50	3069.4	359.06	387.01	54/4.41	19/2.65	39.70	3098.6	378.98	407.20	0.0407
800	72/4.04	7/2.69	40.40	2854.6	316.98	327.72	72/4.05	7/2.70	40.50	2881.8	338.59	349.43	0.0361
800	84/3.74	7/3.74	41.10	3145.1	356.03	374.44	84/3.75	7/3.75	41.30	3175.1	378.01	396.60	0.0362
900	72/4.28	7/2.85	42.80	3211.4	356.60	368.69	72/4.30	7/2.87	43.00	3242.0	380.91	393.11	0.0321
900	84/3.96	7/3.96	43.60	3538.3	400.53	421.25	84/3.98	7/3.98	43.80	3572.0	425.26	446.17	0.0322
1000	84/4.18	19/2.61	45.90	3916.8	446.37	471.67	84/4.20	19/2.52	46.20	3954.1	473.86	499.40	0.0289
1120	84/4.42	19/2.65	48.60	4386.8	499.93	528.27	84/4.44	19/2.66	48.90	4428.6	530.72	559.33	0.0258