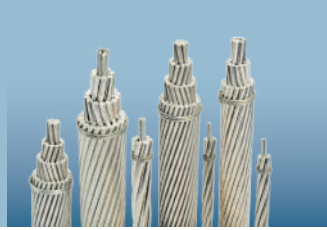




ALL ALUMINUM CONDUCTOR (AAC) - GOST 839

Nominal Area	Sectional Area	Stranding		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Wires	Individual wire diameter					@ 75°C	@ 85°C
(mm ²)	(mm ²)	(No.)	(mm)	(mm)	(Kg/km)	KN	(Ω/Km)	(Ampere)	(Ampere)
10	10	7	1.35	4.05	27.4	1.95	2.8631	61	72
16	15.9	7	1.70	5.10	43.0	3.02	1.8007	80	95
25	24.9	7	2.13	6.39	68.0	4.50	1.1498	105	125
35	34.3	7	2.50	7.50	94.0	5.91	0.8347	128	152
40	40	7	2.70	8.10	109.4	6.80	0.7157	140	167
50	49.5	7	3.00	9.00	135.0	8.20	0.5784	159	190
63	63	7	3.39	10.17	172.3	10.39	0.4544	183	221
70	69.3	7	3.55	10.65	189.0	11.29	0.4131	194	234
95	92.4	7	4.10	12.30	252.0	14.78	0.3114	229	278
100	100	19	2.59	12.95	274.9	17.00	0.2877	241	292
120	117	19	2.80	12.94	321.0	19.89	0.2459	260	316
125	125	19	2.89	14.45	343.6	21.25	0.2301	274	334
150	148	19	3.15	15.75	406.0	24.42	0.1944	302	371
160	160	19	3.27	16.35	439.8	26.40	0.1798	316	388
185	182.8	19	3.50	17.50	502.0	29.83	0.1574	342	421
200	200	19	3.66	18.30	549.7	32.00	0.1438	360	445





ALL ALUMINUM CONDUCTOR (AAC) - GOST 839

Nominal Area	Sectional Area	Stranding		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Wires	Individual wire diameter					@ 75°C	@ 85°C
								(mm ²)	(mm ²)
240	238.7	19	4.00	20	655.0	38.19	0.1205	399	494
250	250	19	4.09	20.47	687.1	40	0.1150	409	509
300	288.3	37	3.15	22.1	794.0	47.57	0.1000	444	554
315	315	37	3.29	23.05	867.5	51.97	0.0915	466	584
350	345.8	37	3.45	24.2	952.0	57.06	0.0833	492	617
400	389.2	37	3.66	25.6	1072.0	63.42	0.0740	525	662
450	449.1	37	3.90	27.3	1206.0	71.86	0.0642	568	719
500	500.4	37	4.15	29.1	1378.0	80	0.0576	603	767
550	544	61	3.37	30.3	1500.0	89.76	0.0529	632	806
560	560	37	4.39	30.73	1542.2	89.6	0.0531	632	807
600	586.8	61	3.50	31.5	1618.0	95.63	0.0491	658	842
630	630	61	3.63	32.64	1738.0	100.8	0.0458	683	877
650	641.7	61	3.66	32.9	1771.0	104.58	0.0450	689	885
700	691.7	61	3.80	34.2	1902.0	112.73	0.0417	717	925
710	710	61	3.85	34.65	1959.0	113.6	0.0406	727	939
750	747.4	61	3.95	35.6	2062.0	119.58	0.0386	747	966

