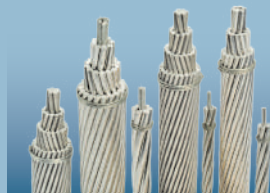




ALL ALUMINUM CONDUCTOR STEEL REINFORCED (ACSR) - GOST 839 : 1980

Code Name /Conductor Size	Sectional Area	Stranding		Wire diameter		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity			
		No. of Wires		AL	Steel					AL	Steel	@ 75°C	@ 85°C
		AL	Steel	AL	Steel					(Kg/km)	KN	(Ω/Km)	(Ampere)
(kcmil)	(mm ²)	(No.)	(No.)	(mm)	(mm)	(mm)	(Kg/km)	KN	(Ω/Km)	(Ampere)	(Ampere)		
150/24	149/24.2	26	7	2.70	2.10	17.10	599	52.3	0.2039	299	368		
150/34	147/34.3	30	7	2.50	2.50	17.50	675	62.6	0.2061	299	368		
160/8.9	160/8.9	18	1	3.36	3.36	16.82	509	36.2	0.1800	317	390		
160/26.1	160/26.1	26	7	2.80	2.18	17.73	645	57.7	0.1803	320	394		
185/24	187/24.2	24	7	3.15	2.10	18.90	705	58.1	0.1540	349	432		
185/29	181/29	26	7	2.98	2.30	18.80	728	62.1	0.1591	344	425		
185/43	185/43.1	30	7	2.80	2.80	19.60	846	77.8	0.1559	349	433		
185/128	187/128	54	37	2.10	2.10	23.10	1525	183.8	0.1543	360	450		
200/11.1	200/11.1	18	1	3.76	3.76	18.81	637	44.2	0.1440	361	446		
200/32.6	200/32.6	26	7	3.13	2.43	19.82	806	70.1	0.1442	364	451		
205/27	205/26.6	24	7	3.30	2.20	19.80	774	63.7	0.1407	368	456		
240/32	244/31.7	24	7	3.60	2.40	21.60	921	75.1	0.1182	407	507		
240/39	236/38.6	26	7	3.40	2.65	21.60	952	80.9	0.1222	400	499		
240/56	241/56.3	30	7	3.20	3.20	22.40	1106	98.3	0.1197	407	508		
300/39	301/38.6	24	7	4.00	2.65	24.00	1132	90.6	0.0958	458	575		
300/48	295/47.8	26	7	3.80	2.95	24.10	1186	100.6	0.0978	454	570		
300/66	288.5 / 65.8	30	19	3.50	2.10	24.50	1313	117.5	0.1000	450	565		

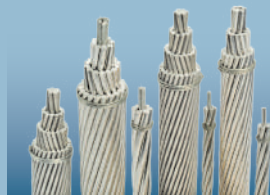




ALL ALUMINUM CONDUCTOR STEEL REINFORCED (ACSR) - GOST 839 : 1980

Code Name /Conductor Size	Sectional Area	Stranding		Wire diameter		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity			
		No. of Wires		AL	Steel					AL	Steel	@ 75°C	@ 85°C
		AL	Steel	AL	Steel					(Kg/km)	KN	(Ω/Km)	(Ampere)
(kcmil)	(mm ²)	(No.)	(No.)	(mm)	(mm)	(mm)	(Kg/km)	KN	(Ω/Km)	(Ampere)	(Ampere)		
300/204	298/204	54	37	2.65	2.65	29.20	2428	284.6	0.0968	469	596		
315/21.8	315/21.8	45	7	2.99	1.99	23.83	1039	79.0	0.0917	462	579		
315/51.3	315/51.3	26	7	3.93	3.05	24.87	1269	106.8	0.0916	471	592		
330/30	335/29.1	48	7	2.98	2.30	24.80	1152	88.9	0.0861	479	602		
330/43	332/43.1	54	7	2.80	2.80	25.20	1255	103.8	0.0869	478	602		
400/27.7	400/27.7	45	7	3.36	2.24	26.91	1320	98.4	0.0722	529	668		
400/51.9	400/51.9	54	7	3.07	3.07	27.64	1510	123.0	0.0722	530	672		
400/18	381/18.8	42	7	3.40	1.85	26.00	1199	85.6	0.0758	514	648		
400/22	394/22	76	7	2.57	2.00	26.60	1261	95.1	0.0733	530	670		
400/51	394/51.1	54	7	3.05	3.05	27.50	1490	120.5	0.0733	526	666		
400/64	390/63.5	26	7	4.37	3.40	27.70	1572	129.2	0.0741	531	672		
400/93	406/93.2	30	19	4.15	2.50	29.10	1851	173.7	0.0711	546	693		
450/31.1	450/31.1	45	7	3.57	2.38	28.55	1485	107.5	0.0646	563	714		
450/58.3	450/58.3	54	7	3.26	3.26	29.32	1698	138.4	0.0642	566	720		
450/56	434/56.3	54	7	3.20	3.20	28.80	1640	131.4	0.0666	555	705		
500/34.6	500/34.6	45	7	3.76	2.51	30.09	1650	119.4	0.0577	598	763		
500/64.8	500/64.8	54	7	3.43	3.43	30.90	1887	153.8	0.0578	600	766		
500/26	502/26.6	42	7	3.90	2.20	30.00	1592	112.6	0.0575	599	763		





ALL ALUMINUM CONDUCTOR STEEL REINFORCED (ACSR) - GOST 839 : 1980

Code Name /Conductor Size	Sectional Area	Stranding		Wire diameter		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
		No. of Wires		AL	Steel					@ 75°C	@ 85°C
		AL	Steel								
(kcmil)	(mm ²)	(No.)	(No.)	(mm)	(mm)	(mm)	(Kg/km)	KN	(Ω/Km)	(Ampere)	(Ampere)
500/27	481/26.6	76	7	2.84	2.20	29.40	1537	112.2	0.0600	593	754
500/64	490/63.5	54	7	3.40	3.40	30.60	1852	148.3	0.0588	594	759
500/204	496/204	90	37	2.65	2.65	34.50	2979	319.6	0.0580	608	783
500/336	490/336	54	61	3.40	2.65	37.50	4005	466.7	0.0588	617	802
550/71	549/71.2	54	7	3.60	3.60	32.40	2076	166.2	0.0526	632	810
560/38.7	560/38.7	45	7	3.98	2.65	31.84	1848	133.7	0.0515	637	815
560/70.9	560/70.9	54	19	3.63	2.18	32.70	2102	172.6	0.0516	638	819
600/72	580/72.2	54	19	3.70	2.20	33.20	2170	183.8	0.0498	651	836
630/43.6	630/43.6	45	7	4.22	2.81	33.79	2079	150.5	0.0458	678	873
630/79.8	630/79.8	54	19	3.85	2.31	34.69	2365	191.8	0.0459	680	877
650/79	634/78.9	96	19	2.90	2.30	34.70	2372	200.5	0.0456	691	892
700/86	687/85.9	96	19	3.02	2.40	36.20	2575	217.8	0.0420	722	936
710/49.1	710/49.1	45	7	4.48	2.99	35.86	2342	169.6	0.0406	723	936
710/89.9	710/89.9	54	19	4.09	2.45	36.82	2665	216.1	0.0407	725	941





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Code Name /Conductor Size	Sectional Area	Stranding		Wire diameter		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity			
		No. of Wires		AL	Steel					AL	Steel	@ 75°C	@ 85°C
		(kcmil)	(mm ²)	(No.)	(No.)					(mm)	(mm)	(mm)	(Kg/km)
750/93	748/93.2	96	19	3.15	2.50	37.70	2800	234.5	0.0386	755	982		
800/34.6	800/34.6	72	7	3.76	2.51	37.61	2480	167.4	0.0361	776	1010		
800/66.7	800/66.7	84	7	3.48	3.48	38.30	2732	205.4	0.0361	779	1015		
800/101.3	800/101.3	54	19	4.34	2.61	39.09	3003	243.5	0.0361	772	1008		
800/105	821/105	96	19	3.30	2.65	39.70	3092	260.1	0.0352	793	1037		
900/38.9	900/38.9	72	7	3.99	2.66	39.89	2790	188.3	0.0321	824	1078		
900/75	900/75	84	7	3.69	3.69	40.63	3074	226.5	0.0321	828	1085		
1000/43.2	1000/43.2	72	7	4.21	2.80	42.05	3099	209.3	0.0289	869	1143		
1000/56	1003.2/56.3	76	7	4.10	3.20	42.40	3210	224.1	0.0288	871	1148		
1120/47.3	1120/47.3	72	19	4.45	1.78	44.50	3464	234.3	0.0258	917	1215		
1120/91.2	1120/91.2	84	19	4.12	2.47	45.32	3811	283.2	0.0253	930	1235		
1250/52.8	1250/52.8	72	19	4.70	1.88	47.02	3866	261.8	0.0231	966	1288		
1250/101.8	1250/101.8	84	19	4.35	2.61	47.88	4253	316.0	0.0231	972	1298		

