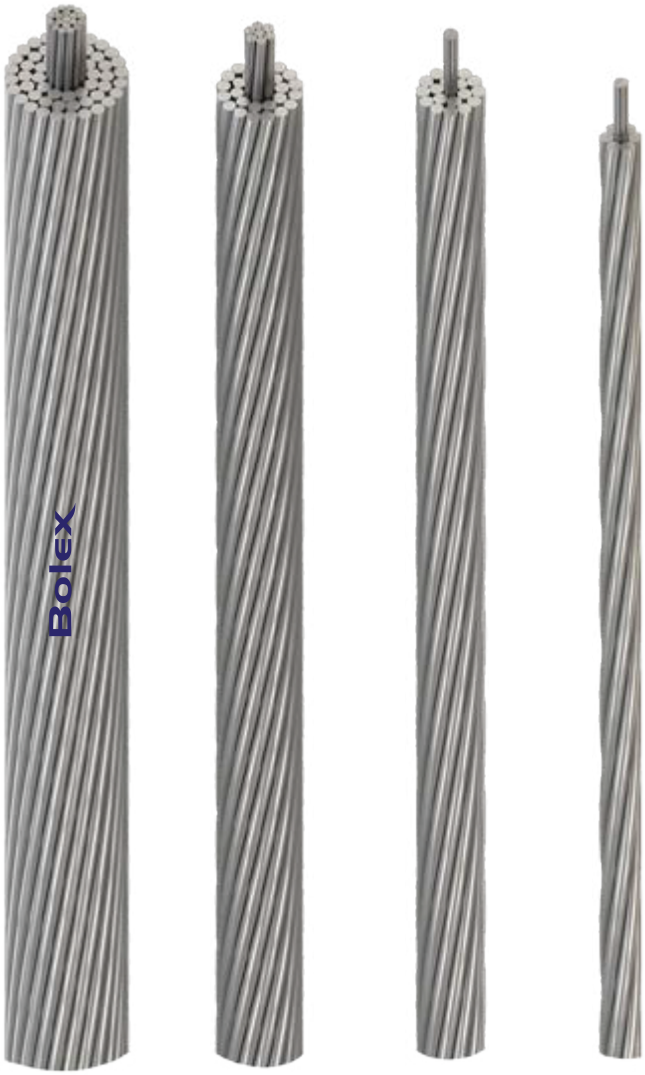
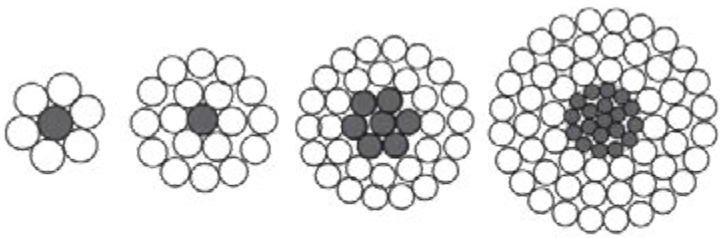
ACSR



TECHNICAL DATA

They are used in medium and high voltage transmission lines. The aluminium wires and zinc coated steel wires are produced in accordance with TS EN 50182 stand ards. Conductors are stranded with seven or more wire as concentrically.If conductors are consist of more than one layer. than they are stranded in reverse direction to each other. Upon request they can be produced in ac cordance to DIN.BS. ASTM. NF. CSA. EN standards..



6 Al./ 1 St. 18 Al./ 1 St. 26 Al./ 7 St. 54 Al./ 19 St.

Bolex Ltd.

Number and Wire Diameter			Cross Section					
Aluminium	Steel	Overall Diameter	Aluminium	Steel	Total	Net Weight (Approx)	Rated Stenght	DC Resistance
mm	mm	mm	mm	mm	mm	kg / km	kN	ohm/km
6/1.68	1/1.68	5.04	13.29	2.21	15.5	53.6	5.2	2.15700
6/2.12	1/2.12	6.36	21.16	3.55	24.71	85.3	8.3	1.35600
7/1.96	1/2.61	6.53	21.16	5.35	26.51	99.6	10.5	1.35600
6/2.67	1/2.67	8.01	33.61	5.61	39.22	135.7	12.7	0.85300
7/2.47	1/3.30	8.24	33.61	8.52	42.13	158.7	16.1	0.85300
6/3.00	1/3.00	9	42.39	7.1	49.49	171.1	15.8	0.67650
6/3.37	1/3.37	10.11	53.48	8.9	62.38	216.1	19.4	0.53640
6/3.78	1/3.78	11.34	67.42	11.23	78.65	272.0	23.6	0.42550
6/4.25	1/4.25	12.75	85.03	14.19	99.22	343.0	29.5	0.33730
6/4.77	1/4.77	14.31	107.23	17.87	125.1	432.7	37.1	0.26760
18/3.09	1/3.09	15.45	135.16	7.48	142.64	430.2	30.6	0.21330
26/2.57	7/2.00	16.28	135.16	22	157.16	545.9	50.3	0.21420
26/2.73	7/2.12	17.28	152	24.77	176.77	613.4	56.5	0.19060
18/2.89	1/2.25	18.29	118	3.97	121.99	542.8	38.63	0.17188
26/2.89	7/2.25	18.31	170.45	27.74	198.19	687.5	62.7	0.16990
30/2.69	7/2.69	18.83	170.45	39.81	210.26	783.3	77.0	0.17040
18/3.77	1/3.77	18.85	201.42	11.16	212.58	641.3	44.2	0.14320
24/3.27	7/2.18	19.61	201.42	26.13	227.55	761.0	64.9	0.14380
26/3.14	7/2.44	19.88	201.42	32.77	234.19	812.4	72.5	0.14380
30/2.92	7/2.92	20.44	201.42	46.97	248.39	925.2	90.3	0.14420
18/4.14	1/4.14	20.7	241.68	13.42	255.1	769.7	52.5	0.11930
24/3.58	7/2.39	21.49	241.68	31.29	272.97	913.5	76.1	0.11990
26/3.44	7/2.68	21.8	241.68	39.35	281.03	975.1	86.7	0.11990
30/3.20	7/3.20	22.4	241.68	56.39	298.07	1110.3	105.9	0.12020
18/4.47	1/4.47	22.35	282	15.68	297.68	897.7	60.9	0.10220
24/3.87	7/2.58	23.22	282	36.58	318.58	1065.6	88.1	0.10280
26/3.72	7/2.89	23.55	282	45.94	327.94	1138.6	100.5	0.10280
30/3.46	7/3.46	24.21	282	65.81	347.81	1295.6	123.7	0.10300
24/4.03	7/2.69	24.2	306.58	39.74	346.32	1158.9	95.6	0.09449
26/3.87	26/.1525	24.51	306.58	49.94	356.52	1237.0	106.8	0.09449
30/3.61	7/3.61	25.25	306.58	71.55	378.13	1408.4	128.5	0.09473
30/3.61	19/2.16	25.24	306.58	69.87	376.45	1396.6	133.4	0.09475
18/4.78	1/4.78	23.88	322.39	17.74	340.13	1026.6	69.8	0.89420
36/3.38	1/3.37	23.62	322.2	8.9	331.14	956.6	61.38	0.89751
24/4.14	7/2.76	24.84	322.26	41.81	364.07	1217.6	101.0	0.08989
26/3.97	7/3.09	25.15	300.26	52.52	374.78	1300.8	112.1	0.08989
30/3.70	7/3.70	25.88	322.26	75.22	397.48	1480.7	134.8	0.09011
30/3.70	19/2.22	25.9	322.26	7.48	395.74	1469.0	140.1	0.09012
24/4.23	7/2.82	25.4	337.74	43.81	381.55	1276.6	105.4	0.08576
26/4.07	7/3.16	28.3	337.81	55.03	392.84	1363.3	117.4	0.08576
24/4.39	7/2.92	26.31	362.64	46.97	409.61	1370.4	113.4	0.07989
26/4.21	7/3.28	26.68	362.58	59.03	421.61	1463.7	126.3	0.07992
30/3.92	19/2.35	27.43	362.58	82.64	445.22	1650.6	153.9	0.08009