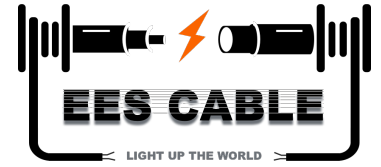


# DIN 48206

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 <sup>2</sup>	mm <sup>2</sup>	mm <sup>2</sup>	-	mm	-	mm	mm	kg/km	daN	Ω/km
16/2.5	15.27	2.54	6	1.80	1	1.80	5.40	62	748	2.1800
25/4	23.86	3.98	6	2.25	1	2.25	6.80	97	1171	1.3952
<b>35/6</b>	<b>34.35</b>	<b>5.73</b>	<b>6</b>	<b>2.70</b>	<b>1</b>	<b>2.70</b>	<b>8.10</b>	<b>140</b>	<b>1685</b>	<b>0.9689</b>
44/32	43.98	31.67	14	2.00	7	2.40	11.20	373	5027	0.7625
50/8	48.25	8.04	6	3.20	1	3.20	9.60	196	2366	0.6898
50/30	51.17	29.85	12	2.33	7	2.33	11.70	378	5024	0.6547
70/12	69.89	11.40	26	1.85	7	1.44	11.70	284	3399	0.4791
95/15	94.39	15.33	26	2.15	7	1.67	13.60	383	4582	0.3547
95/55	96.51	56.30	12	3.20	7	3.20	16.00	714	9475	0.3471
105/75	105.67	75.55	14	3.10	19	2.25	17.50	899	12014	0.3174
120/20	121.57	19.85	26	2.44	7	1.90	15.50	494	5914	0.2754
120/70	122.15	71.25	12	3.60	7	3.60	18.00	904	11912	0.2742
125/30	127.92	29.85	30	2.33	7	2.33	16.30	590	7280	0.2621
150/25	148.86	24.25	26	2.70	7	2.10	17.10	604	7236	0.2249
170/40	171.77	40.08	30	2.70	7	2.70	18.90	794	9775	0.1952
185/30	183.78	29.85	26	3.00	7	2.33	19.00	744	8922	0.1822
210/35	209.10	34.09	26	3.20	7	2.49	20.30	848	10167	0.1601
210/50	212.06	49.48	30	3.00	7	3.00	21.00	979	12068	0.1581
230/30	230.91	29.85	24	3.50	7	2.33	21.00	674	10306	0.1449
240/40	243.05	39.49	26	3.45	7	2.68	21.80	985	11802	0.1378
265/35	263.66	34.09	24	3.74	7	2.49	22.40	998	11771	0.1269
300/50	304.26	49.48	26	3.86	7	3.00	24.50	1233	14779	0.1101
305/40	304.62	39.49	54	2.68	7	2.68	24.10	1155	13612	0.1101
340/30	339.29	29.85	48	3.00	7	2.33	25.00	1174	13494	0.0988
380/50	381.70	49.48	54	3.00	7	3.00	27.00	1448	17056	0.0879
385/35	386.04	34.09	48	3.20	7	2.49	26.70	1336	15369	0.0868
435/55	434.29	56.30	54	3.20	7	3.20	28.80	1647	19406	0.0772
450/40	448.71	39.49	48	3.45	7	2.68	28.70	1553	17848	0.0747
490/65	490.28	63.55	54	3.40	7	3.40	30.60	1860	21907	0.0684
550/70	549.65	71.25	54	3.60	7	3.60	32.40	2085	24560	0.0610
560/50	561.70	49.48	48	3.86	7	3.00	32.20	1943	22348	0.0597
680/85	678.58	85.95	54	4.00	19	2.40	36.00	2564	30084	0.0494