

**Application:** ACSR Cable is made of hard round aluminum line and the product is widely used in the overhead power transmission lines and distribution system, and it is one of the main products to form electrified wire network.

**Standard:** IEC 61089(1991), GB 1179-1999

**Conductor:** aluminium and steel

**The Specification. Construction and Technique functions**

Cross Section mm <sup>2</sup>	Number Diameter		Calculation Area mm <sup>2</sup>			Diameter	Resistance	Force	kg/km
	AL	Steel	Al	Steel	Total	mm	≤Ω/KM	N	
10/2	6/1.50	1/1.50	10.6	1.77	12.37	4.50	2.076	4120	42.9
16/3	6/1.85	1/1.85	16.13	2.69	18.82	5.55	1.779	6130	65.2
25/4	6/2.32	1/2.32	25.36	4.23	29.59	6.96	1.131	9290	102.6
35/6	6/2.72	1/2.72	34.86	5.81	40.67	7.16	0.823	12630	140.0
50/30	12/2.32	7/2.32	50.73	25.59	80.32	11.60	0.5692	42620	372.0
70/40	12/2.72	7/2.72	69.73	40.67	110.4	13.60	0.4141	58300	511.3
95/15	26/2.15	7/1.67	94.39	15.33	109.72	13.61	0.3058	35000	380.8
120/25	7/4.72	7/2.10	122.48	24.25	146.73	15.74	0.2345	47880	526.6
150/35	30/2.50	7/2.50	147.26	34.36	181.62	17.50	0.1962	65020	676.2
185/10	18/3.60	1/3.60	183.22	10.18	193.4	18.00	0.1572	40880	584.0
210/50	30/2.98	7/2.98	209.24	48.82	258.06	20.86	0.1381	90830	960.8
240/30	24/3.60	7/2.40	244.24	31.67	275.96	21.60	0.1181	75620	922.2
300/50	26/2.83	7/2.98	299.54	48.82	348.36	24.26	0.09636	103400	1210
400/95	30/4.16	19/2.50	407.75	93.27	501.02	29.14	0.07087	171300	1860
500/45	48/3.60	7/2.80	488.58	43.10	531.68	30.00	0.05912	128100	1688
630/45	45/4.20	7/2.80	623.45	43.10	666.55	33.60	0.04633	148700	2060
800/55	45/4.80	7/3.20	814.3	56.30	870.60	38.40	0.03547	191500	2690

More about ACSR Cable (*Aluminum Conductor Steel Reinforced Cable*), please download the pdf of **ACSR Cable**.