

conductor characteristics

Rate code number	SA1A	section			number of	The diameter of				Diameter		Resist Normal	Weight Pull Strong	dc at 20 °
		Total	SA1A	A1		A1	SA1A	SA1A	the wire	Core	Cond			
	%	mm ²	mm ²	mm ²		mm	mm	mm	mm	kg / km		kN	Ohm / km	
100	16.7	96	16.00	112	6	1	4.51	4.51	4.51	13.5	369.6	31.84	0.2868	
125	5.6	123	6.85	130	18	1	2.95	2.95	2.95	14.8	385.3	29.18	0.2304	
125	16.3	120	19.60	140	26	7	2.43	1.89	5.66	15.4	463.8	44.49	0.2308	
160	5.6	158	8.77	167	18	1	3.34	3.34	3.34	16.7	492.9	36.38	0.1800	
160	16.3	154	25.00	179	26	7	2.74	2.13	6.40	17.4	593.8	56.18	0.1803	
200	5.6	197	10.96	208	18	1	3.74	3.74	3.74	18.7	615.9	43.62	0.1440	
200	16.3	192	31.30	223	26	7	3.07	2.39	7.16	19.4	742.2	69.27	0.1443	
250	9.8	244	24.00	268	22	7	3.76	2.09	6.26	21.3	835.9	67.80	0.1153	
250	16.3	240	39.10	279	26	7	3.43	2.67	8.00	21.7	926.5	86.58	0.1154	
315	6.9	310	21.40	331	45	7	2.96	1.97	5.92	23.7	1001.4	78.33	0.0917	
315	16.3	303	49.30	352	26	7	3.85	2.99	8.98	24.4	1166.1	107.58	0.0916	
400	6.9	393	27.20	420	45	7	3.34	2.22	6.67	26.7	1270.3	97.50	0.0722	
400	13.0	387	50.20	437	54	7	3.02	3.02	9.07	27.2	1409.9	124.20	0.0723	
450	6.9	442	30.60	473	45	7	3.54	2.36	7.08	28.3	1430.4	107.48	0.0642	
450	13.0	436	56.50	493	54	7	3.21	3.21	9.62	28.9	1585.2	139.72	0.0642	
500	6.9	492	34.00	526	45	7	3.73	2.49	7.46	29.8	1588.6	119.42	0.0578	
500	13.0	484	62.80	547	54	7	3.38	3.38	10.14	30.4	1760.6	153.99	0.0578	
560	6.9	550	38.10	589	45	7	3.95	2.63	7.89	31.6	1779.4	133.75	0.0516	
560	12.7	543	68.80	612	54	19	3.58	2.15	10.73	32.2	1964.3	169.36	0.0516	
630	6.9	619	42.80	662	45	7	4.19	2.79	8.37	33.5	1000.8	150.47	0.0630	
630	12.7	611	77.30	688	54	19	3.79	2.25	11.38	34.2	2209.9	190.52	0.0630	