

Ω mm ² /m 1.45	AWG	D (mm)	r Ω/m	C (w/mm ²)	I ₀ (A)	RESISTENZA (ohm) -----> volt&watt																																	
						0.40 ohm	0.50 ohm	0.60 ohm	0.70 ohm	0.80 ohm	0.90 ohm	1.00 ohm	1.10 ohm	1.20 ohm	1.30 ohm	1.40 ohm	1.50 ohm	1.60 ohm	1.70 ohm	1.80 ohm	1.90 ohm	2.00 ohm	2.10 ohm	2.20 ohm	2.30 ohm	2.40 ohm	2.50 ohm	2.60 ohm	2.70 ohm										
kanthalA1	AWG 32	0.202	45.2	0.15	1.45	---	---	---	---	---	---	---	---	---	---	---	---	---	2.8v-4w	2.9v-4.2w	3v-4.4w	3.2v-4.6w	3.3v-4.8w	3.5v-5.1w	3.6v-5.3w	3.8v-5.5w	3.9v-5.7w												
				0.20	1.68	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.5v-4.2w	2.7v-4.5w	2.8v-4.8w	3v-5.1w	3.2v-5.3w	3.4v-5.6w	3.5v-5.9w	3.7v-6.2w	3.9v-6.5w	4v-6.7w	4.2v-7w	4.4v-7.3w	4.5v-7.6w						
				0.25	1.87	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.2v-6w	3.4v-6.3w	3.6v-6.7w	3.7v-7w	3.9v-7.4w	4.1v-7.7w	4.3v-8.1w	4.5v-8.4w	4.7v-8.8w	4.9v-9.1w	5.1v-9.5w							
				0.30	2.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.5v-7.2w	3.7v-7.6w	3.9v-8w	4.1v-8.4w	4.3v-8.8w	4.5v-9.3w	4.7v-9.7w	4.9v-10.1w	5.1v-10.5w	5.3v-11w	5.5v-11.4w							
kanthalA1	AWG 31	0.227	35.8	0.15	1.73	---	---	---	---	---	---	---	---	---	---	---	---	---	2.4v-4.2w	2.6v-4.5w	2.8v-4.8w	2.9v-5.1w	3.1v-5.4w	3.3v-5.7w	3.5v-6w	3.6v-6.3w	3.8v-6.6w	4v-6.9w	4.1v-7.2w	4.3v-7.5w	4.5v-7.8w	4.7v-8.1w							
				0.20	2.00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.2v-4.4w	2.4v-4.8w	2.6v-5.2w	2.8v-5.6w	3v-6w	3.2v-6.4w	3.4v-6.8w	3.6v-7.2w	3.8v-7.6w	4v-8w	4.2v-8.4w	4.4v-8.8w	4.6v-9.2w	4.8v-9.6w	5v-10w	5.2v-10.4w	5.4v-10.8w		
				0.25	2.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.2v-5w	2.5v-5.5w	2.7v-6w	2.9v-6.5w	3.1v-7w	3.3v-7.5w	3.6v-8w	3.8v-8.5w	4v-9w	4.2v-9.5w	4.5v-10w	4.7v-10.5w	5.1v-11.5w	5.4v-12w	5.6v-12.5w	5.8v-12.9w	6v-13.4w	
				0.30	2.44	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.4v-6w	2.7v-6.6w	2.9v-7.2w	3.2v-7.8w	3.4v-8.4w	3.7v-9w	3.9v-9.6w	4.2v-10.2w	4.4v-10.8w	4.6v-11.4w	4.9v-12w	5.1v-12.5w	5.4v-13.1w	5.6v-13.7w	5.9v-14.3w	6.1v-14.9w	6.3v-15.5w	6.6v-16.1w
kanthalA1	AWG 30	0.255	28.4	0.15	2.06	---	---	---	---	---	---	---	---	---	---	---	---	---	2.1v-4.2w	2.3v-4.7w	2.5v-5.1w	2.7v-5.5w	2.9v-5.9w	3.1v-6.3w	3.3v-6.8w	3.5v-7.2w	3.7v-7.6w	3.9v-8w	4.1v-8.5w	4.3v-8.9w	4.5v-9.3w	4.7v-9.7w	4.9v-10.2w	5.1v-10.6w	5.3v-11w	5.6v-11.4w			
				0.20	2.38	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.4v-5.6w	2.6v-6.2w	2.9v-6.8w	3.1v-7.3w	3.3v-7.9w	3.6v-8.5w	3.8v-9w	4v-9.6w	4.3v-10.2w	4.5v-10.7w	4.8v-11.3w	5v-11.8w	5.2v-12.4w	5.5v-13w	5.7v-13.5w	5.9v-14.1w	6.2v-14.7w	6.4v-15.2w	
				0.25	2.66	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.7v-7.1w	2.9v-7.8w	3.2v-8.5w	3.5v-9.2w	3.7v-9.9w	4v-10.6w	4.2v-11.3w	4.5v-12w	4.8v-12.7w	5v-13.4w	5.3v-14.1w	5.6v-14.8w	5.8v-15.5w	6.1v-16.2w	6.4v-16.9w	6.6v-17.6w	6.9v-18.3w	7.2v-19w
				0.30	2.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.9v-8.5w	3.2v-9.3w	3.5v-10.2w	3.8v-11w	4.1v-11.8w	4.4v-12.7w	4.7v-13.5w	4.9v-14.4w	5.2v-15.2w	5.5v-16.1w	5.8v-16.9w	6.1v-17.8w	6.4v-18.6w	6.7v-19.5w	7v-20.3w	7.3v-21.2w	7.6v-22w	7.9v-22.8w
kanthalA1	AWG 29	0.286	22.6	0.15	2.44	---	---	---	---	---	---	---	---	---	---	---	---	---	2.1v-4.2w	2.4v-6.3w	2.6v-7w	2.9v-7.7w	3.2v-8.4w	3.4v-9.1w	3.7v-9.8w	4v-10.5w	4.2v-11.2w	4.5v-11.9w	4.8v-12.5w	5v-13.2w	5.3v-13.9w	5.5v-14.6w	5.8v-15.3w	6.1v-16w	6.3v-16.7w	6.6v-17.4w	6.9v-18.1w	7.1v-18.8w	
				0.20	2.82	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.4v-6w	2.7v-6.6w	2.9v-7.2w	3.2v-7.8w	3.4v-8.3w	3.7v-8.9w	3.9v-9.5w	4.2v-10.2w	4.4v-10.8w	4.6v-11.3w	4.9v-11.9w	5.1v-12.5w	5.4v-13.1w	5.6v-13.7w	5.9v-14.3w	6.1v-14.9w	6.3v-15.5w	6.6v-16.1w	
				0.25	3.15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.4v-6w	2.7v-6.6w	2.9v-7.2w	3.2v-7.8w	3.4v-8.3w	3.7v-8.9w	3.9v-9.5w	4.2v-10.2w	4.4v-10.8w	4.6v-11.3w	4.9v-11.9w	5.1v-12.5w	5.4v-13.1w	5.6v-13.7w	5.9v-14.3w	6.1v-14.9w	6.3v-15.5w	6.6v-16.1w
				0.30	3.45	1.4v-4.8w	1.7v-6w	2.1v-7.2w	2.4v-8.3w	2.8v-9.5w	3.1v-10.7w	3.5v-11.9w	3.8v-13.1w	4.1v-14.3w	4.5v-15.5w	4.8v-16.7w	5.2v-17.9w	5.5v-19.1w	5.9v-20.3w	6.2v-21.5w	6.6v-22.7w	6.9v-23.9w	7.3v-25w	7.6v-26.2w	7.9v-27.4w	8.3v-28.6w	8.6v-29.8w	9v-31w	9.3v-32.2w										
kanthalA1	AWG 28	0.321	17.9	0.15	2.91	---	---	---	---	---	---	---	---	---	---	---	---	---	2.1v-4.2w	2.4v-6.3w	2.6v-7w	2.9v-7.7w	3.2v-8.4w	3.4v-9.1w	3.7v-9.8w	4v-10.5w	4.2v-11.2w	4.5v-11.9w	4.8v-12.5w	5v-13.2w	5.3v-13.9w	5.5v-14.6w	5.8v-15.3w	6.1v-16w	6.3v-16.7w	6.6v-17.4w	6.9v-18.1w	7.1v-18.8w	
				0.20	3.36	1.3v-4.5w	1.7v-5.6w	2v-6.8w	2.3v-7.9w	2.7v-9w	3v-10.1w	3.4v-11.3w	3.7v-12.4w	4v-13.5w	4.4v-14.6w	4.7v-15.8w	5v-16.9w	5.4v-18w	5.7v-19.2w	6v-20.3w	6.4v-21.4w	6.7v-22.5w	7v-23.7w	7.4v-24.8w	7.7v-25.9w	8.1v-27w	8.4v-28.2w	8.7v-29.3w	9.1v-30.4w										
				0.25	3.75	1.5v-5.6w	1.9v-7w	2.3v-8.5w	2.6v-9.9w	3v-11.3w	3.4v-12.7w	3.8v-14.1w	4.1v-15.5w	4.5v-16.9w	4.9v-18.3w	5.3v-19.7w	5.6v-21.1w	6v-22.5w	6.4v-23.9w	6.8v-25.4w	7.1v-26.8w	7.5v-28.2w	7.9v-29.6w	8.3v-31w	8.6v-32.4w	9v-33.8w	9.4v-35.2w	9.8v-36.6w	10.1v-38w										
				0.30	4.11	1.6v-6.8w	2.1v-8.5w	2.5v-10.1w	2.9v-11.8w	3.3v-13.5w	3.7v-15.2w	4.1v-16.9w	4.5v-18.6w	4.9v-20.3w	5.3v-22w	5.8v-23.7w	6.2v-25.4w	6.6v-27w	7v-28.7w	7.4v-30.4w	7.8v-32.1w	8.2v-33.8w	8.6v-35.5w	9v-37.2w	9.5v-38.9w	9.9v-40.6w	10.3v-42.3w	10.7v-43.9w	11.1v-45.6w										
kanthalA1	AWG 27	0.361	14.2	0.15	3.46	1.4v-4.8w	1.7v-6w	2.1v-7.2w	2.4v-8.4w	2.8v-9.6w	3.1v-10.8w	3.5v-12w	3.8v-13.2w	4.2v-14.4w	4.5v-15.6w	4.8v-16.8w	5.2v-18w	5.5v-19.2w	5.9v-20.4w	6.2v-21.6w	6.6v-22.8w	6.9v-24w	7.3v-25.2w	7.6v-26.4w	8v-27.6w	8.3v-28.8w	8.7v-30w	9v-31.1w	9.3v-32.3w										
				0.20	4.00	1.6v-6.4w	2v-8w	2.4v-9.6w	2.8v-11.2w	3.2v-12.8w	3.6v-14.4w	4v-16w	4.4v-17.6w	4.8v-19.2w	5.2v-20.8w	5.6v-22.4w	6v-24w	6.4v-25.6w	6.8v-27.2w	7.2v-28.8w	7.6v-30.3w	8v-31.9w	8.4v-33.5w	8.8v-35.1w	9.2v-36.7w	9.6v-38.3w	10v-39.9w	10.4v-41.5w	10.8v-43.1w										
				0.25	4.47	1.8v-8w	2.2v-10w	2.7v-12w	3.1v-14w	3.6v-16w	4v-18w	4.5v-20w	4.9v-22w	5.4v-24w	5.8v-26w	6.3v-28w	6.7v-30w	7.1v-31.9w	7.6v-33.9w	8v-35.9w	8.5v-37.9w	8.9v-39.9w	9.4v-41.9w	9.8v-43.9w	10.3v-45.9w	10.7v-47.9w	11.2v-49.9w	11.6v-51.9w	12.1v-53.9w										
				0.30	4.89	2v-9.6w	2.4v-12w	2.9v-14.4w	3.4v-16.8w	3.9v-19.2w	4.4v-21.6w	4.9v-24w	5.4v-26.4w	5.9v-28.8w	6.4v-31.1w	6.9v-33.5w	7.3v-35.9w	7.8v-38.3w	8.3v-40.7w	8.8v-43.1w	9.3v-45.5w	9.8v-47.9w	10.3v-50.3w	10.8v-52.7w	11.3v-55.1w	11.7v-57.5w	12.2v-59.9w	12.7v-62.3w	13.2v-64.7w										
kanthalA1	AWG 26	0.405	11.3	0.15	4.11	1.6v-6.8w	2.1v-8.4w	2.5v-10.1w	2.9v-11.8w	3.3v-13.5w	3.7v-15.2w	4.1v-16.9w	4.5v-18.6w	4.9v-20.3w	5.3v-22w	5.8v-23.6w	6.2v-25.3w	6.6v-27w	7v-28.7w	7.4v-30.4w	7.8v-32.1w	8.2v-33.8w	8.6v-35.5w	9v-37.2w	9.5v-38.9w	9.9v-40.6w	10.3v-42.3w	10.7v-43.9w	11.1v-45.6w										
				0.20	4.75	1.9v-9w	2.4v-11.3w	2.8v-13.5w	3.3v-15.8w	3.8v-18w	4.3v-20.3w	4.7v-22.5w	5.2v-24.8w	5.7v-27w	6.2v-29.3w	6.6v-31.5w	7.1v-33.8w	7.6v-36w	8.1v-38.3w	8.5v-40.5w	9v-42.8w	9.5v-45w	10v-47.3w	10.4v-49.5w	10.9v-51.8w	11.4v-54w	11.9v-56.3w	12.3v-58.6w	12.8v-60.8w										
				0.25	5.31	2.1v-11.3w	2.7v-14.1w	3.2v-16.9w	3.7v-19.7w	4.2v-22.5w	4.8v-25.3w	5.3v-28.1w	5.8v-31w	6.4v-33.8w	6.9v-36.6w	7.4v-39.4w	8v-42.2w	8.5v-45w	9v-47.9w	9.6v-50.7w	10.1v-53.5w	10.6v-56.3w	11.1v-59.1w	11.7v-61.9w	12.2v-64.7w	12.7v-67.6w	13.3v-70.4w	13.8v-73.2w	14.3v-76w										
				0.30	5.81	2.3v-13.5w	2.9v-16.9w	3.5v-20.3w	4.1v-23.6w	4.6v-27w	5.2v-30.4w	5.8v-33.8w	6.4v-37.2w	7v-40.5w	7.6v-43.9w	8.1v-47.3w	8.7v-50.7w	9.3v-54w	9.9v-57.4w	10.5v-60.8w	11v-64.2w	11.6v-67.6w	12.2v-70.9w	12.8v-74.3w	13.4v-77.7w	13.9v-81.1w	14.5v-84.4w	15.1v-87.8w	15.7v-91.2w										
kanthalA1	AWG 25	0.455	8.9	0.15	4.91	2v-9.6w	2.5v-12w	2.9v-14.5w	3.4v-16.9w	3.9v-19.3w	4.4v-21.7w	4.9v-24.1w	5.4v-26.5w	5.9v-28.9w	6.4v-31.3w	6.9v-33.7w	7.4v-36.1w	7.9v-38.5w	8.3v-41w	8.8v-43.4w	9.3v-45.8w	9.8v-48.2w	10.3v-50.6w	10.8v-53w	11.3v-55.4w	11.8v-57.8w	12.3v-60.2w	12.8v-62.6w	13.3v-65w										
				0.20	5.67	2.3v-12.8w	2.8v-16.1w	3.4v-19.3w	4v-22.5w	4.5v-25.7w	5.1v-28.9w	5.7v-32.1w	6.2v-35.3w	6.8v-38.5w	7.4v-41.8w	7.9v-45w	8.5v-48.2w	9.1v-51.4w	9.6v-54.6w	10.2v-57.8w	10.8v-61w	11.3v-64.2w	11.9v-67.5w	12.5v-70.7w	13v-73.9w	13.6v-77.1w	14.2v-80.3w	14.7v-83.5w	15.3v-86.7w										
				0.25	6.34	2.5v-16.1w	3.2v-20.1w	3.8v-24.1w	4.4v-28.1w	5.1v-32.1w	5.7v-36.1w																												

