

İletken Dirençleri (DIN VDE 0295, IEC 60228, HD 383)

Conductor Resistances

Nominal Kesit Nominal Section (mm ²)	Tavlı Bakır İletken Tel Copper Conductor Plain Wires (Ω/km)		Kalaylı Bakır İletken Tel Copper Conductor Tinned Wires (Ω/km)		Kaynak Kabloları Welding Cables (Ω/km)	
	Sınıf 1 ve 2 Class 1 and 2	Sınıf 5 ve 6 Class 5 and 6	Sınıf 1 ve 2 Class 1 and 2	Sınıf 5 ve 6 Class 5 and 6	Tavlı Bakır İletken Tel Copper Conductor Plain Wires	Kalaylı Bakır İletken Tel Copper Conductor Tinned Wires
0.05		~380		~392		
0.08		~237		~244		
0.11		~170		~175		
0.126		~150		~155		
0.14		~134		~138		
0.22		~96		~99		
0.25		~76		~79		
0.34		~53		~56		
0.5	36	39	36.7	40.1		
0.75	24.5	26	24.8	26.7		
1	18.1	19.5	18.2	20		
1.5	12.1	13.3	12.2	13.7		
2.5	7.41	7.98	7.56	8.21		
4	4.61	4.95	4.7	5.09		
6	3.08	3.3	3.11	3.39		
10	1.83	1.91	1.84	1.95		
16	1.15	1.21	1.16	1.24	1.16	1.19
25	0.727*	0.78	0.754	0.795	0.758	0.78
35	0.524*	0.554	0.529	0.565	0.536	0.552
50	0.387*	0.386	0.391	0.393	0.379	0.39
70	0.268*	0.272	0.27	0.277	0.268	0.276
95	0.193*	0.206	0.195	0.21	0.198	0.204
120	0.153*	0.161	0.154	0.164	0.155	0.159
150	0.124*	0.129	0.126	0.132	0.125	0.129
185	0.0991	0.106	0.1	0.108	0.102	0.105
240	0.0754	0.0801	0.0762	0.0817		
300	0.0601	0.0641	0.0607	0.0654		
400	0.047	0.0486	0.0475	0.0495		
500	0.0366	0.0384	0.0369	0.0391		
630	0.0283	0.0287	0.0286	0.0292		

Sınıf 1 : Tekli ve çoklu kablolar için tek telli iletken

Sınıf 2 : Tekli ve çoklu kablolar için çok telli iletken

Sınıf 5 : Tekli ve çoklu kablolar için ince telli iletken

Sınıf 6 : Tekli ve çoklu kablolar için çok ince telli iletken

* Mineral yalıtımlı kablolar için (Sadece sınıf 1 için 150 mm²'ye kadar)

Class 1 : Single core conductor for single and multi core cables

Class 2 : Multi core conductors for single and multi core cables

Class 5 : Fine wire copper conductors for single and multi core cables

Class 6 : Extra fine wire copper conductors for single and multi core cables

* For mineral insulated cables (only class 1 up to 150 mm²)