ELEKTRISOLA

Litz Wire - Technical Data By Dimensions

Nominal Diameter	No of strands	Cross section of conductor	Resistance at 20 °C			Outer diameter unserved				Outer diameter single served				Outer diameter double served				1 kg HF-Litzwire unserved	
						Grade 1		Grade 2		Grade 1		Grade 2		Grade 1		Grade 2		Grade 1	Grade 2
			nom	min	max	min	max	min	max	min	max	min	max	min	max	min	max	Length	Length
[mm]	#	[mm²]	[Ohm/m]	[Ohm/m]	[Ohm/m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[m/kg]	[m/kg]
0.020	10	0.0031	5.5500	4.9950	6.1050	0.087	0.095	0.099	0.107	0.112	0.135	0.124	0.147	0.137	0.175	0.149	0.187	33,344.48	31,689.48
0.020	12	0.0038	4.6550	4.1625	5.0875	0.095	0.104	0.108	0.177	0.120	0.144	0.133	0.157	0.145	0.184	0.158	0.197	22,787.07	26,407.90
0.020	16	0.0050	3.4688	3.1219	3.8156	0.111	0.121	0.126	0.138	0.136	0.161	0.151	0.176	0.163	0.201	0.176	0.216	20,840.30	19,805.93
0.020	20	0.0063	2.7750	2.4975	3.0525	0.125	0.136	0.142	0.153	0.150	0.176	0.176	0.193	0.175	0.216	0.192	0.233	16,672.24	15,844.74
0.020	30	0.0094	1.8500	1.6650	2.0350	0.154	0.168	0.175	0.189	0.179	0.208	0.200	0.229	0.204	0.248	0.225	0.269	11,114.83	10,583.16
0.020	60	0.0188	0.9434	0.8488	1.0375	0.218	0.238	0.248	0.268	0.243	0.278	0.273	0.308	0.268	0.318	0.298	0.348	5557.41	5281.58
0.020	120	0.0377	0.4716	0.4244	0.5187	0.308	0.337	0.351	0.379	0.333	0.377	0.376	0.419	0.358	0.417	0.401	0.459	2778.71	2640.79
0.020	180	0.0565	0.3204	0.2884	0.3525	0.378	0.412	0.429	0.464	0.403	0.452	0.454	0.504	0.428	0.492	0.479	0.544	1852.47	1760.53
0.020	200	0.0628	0.2829	0.2546	0.3112	0.398	0.434	0.453	0.489	0.423	0.474	0.478	0.529	0.448	0.514	0.503	0.569	1667.22	1584.47
0.020	270	0.0848	0.2136	0.1923	0.2350	0.463	0.505	0.526	0.568	0.488	0.545	0.551	0.608	0.513	0.585	0.576	0.648	1234.98	1173.68
0.020	600	0.1885	0.0961	0.0865	0.1057	0.690	0.752	0.784	0.847	0.715	0.792	0.809	0.887	0.740	0.832	0.834	0.927	555.74	528.16
0.020	800	0.2513	0.0721	0.0649	0.0793	0.796	0.869	0.905	0.978	0.821	0.909	0.930	1.018	0.846	0.949	0.955	1.058	416.81	396.12
0.020	1000	0.3142	0.0577	0.0519	0.0634	0.890	0.971	1.012	1.093	0.915	1.011	1.037	1.133	0.940	1.051	1.062	1.173	333.44	316.89
0.030	10	0.0071	2.4667	2.2200	2.7133	0.130	0.146	0.150	0.162	0.155	0.186	0.175	0.202	0.180	0.226	0.200	0.242	14,738.90	14,001.74
0.030	12	0.0085	2.0556	1.8500	2.2611	0.143	0.160	0.165	0.178	0.168	0.200	0.190	0.218	0.193	0.240	0.215	0.258	12,282.41	11,668.12
0.030	16	0.0113	1.5417	1.3875	1.6958	0.168	0.186	0.192	0.207	0.191	0.226	0.217	0.247	0.216	0.266	0.242	0.287	9211.81	8751.09
0.030	20	0.0141	1.2333	1.1100	1.3567	0.187	0.210	0.216	0.233	0.212	0.250	0.241	0.273	0.237	0.290	0.266	0.313	7369.45	7000.87
0.030	30	0.0212	0.8222	0.7400	0.9044	0.231	0.259	0.266	0.287	0.256	0.299	0.291	0.327	0.281	0.339	0.316	0.367	4912.97	4667.25
0.030	60	0.0424	0.4192	0.3773	0.4611	0.327	0.367	0.377	0.407	0.352	0.407	0.402	0.447	0.377	0.447	0.427	0.487	2456.48	2333.62
0.030	90	0.0636	0.2794	0.2515	0.3074	0.401	0.449	0.461	0.498	0.426	0.489	0.486	0.538	0.451	0.529	0.511	0.578	1637.66	1555.75
0.030	120	0.0848	0.2096	0.1886	0.2305	0.463	0.519	0.533	0.575	0.488	0.559	0.558	0.615	0.513	0.599	0.583	0.655	1228.24	1166.81
0.030	180	0.1272	0.1424	0.1282	0.1567	0.567	0.635	0.653	0.704	0.592	0.675	0.678	0.744	0.617	0.715	0.703	0.784	818.83	777.87
0.030	200	0.1414	0.1258	0.1132	0.1383	0.597	0.670	0.688	0.742	0.622	0.710	0.713	0.782	0.647	0.750	0.738	0.822	736.94	700.09
0.030	270	0.1909	0.0949	0.0854	0.1044	0.694	0.778	0.799	0.862	0.719	0.818	0.824	0.902	0.744	0.858	0.849	0.942	545.89	518.58
0.030	600	0.4241	0.0427	0.0385	0.0470	1.035	1.160	1.191	1.285	1.060	1.200	1.216	1.325	1.085	1.240	1.241	1.365	245.65	233.36
0.030	800	0.5655	0.0320	0.0288	0.0352	1.195	1.340	1.376	1.484	1.220	1.380	1.401	1.524	1.245	1.420	1.426	1.564	184.24	175.02
0.030	1000	0.7069	0.0256	0.0231	0.0282	1.336	1.498	1.538	1.660	1.361	1.538	1.563	1.700	1.386	1.578	1.588	1.740	147.39	140.02
0.040	4	0.0050	3.4688	3.1322	3.8051	0.110	0.123	0.125	0.135	0.135	0.163	0.150	0.175	0.160	0.203	0.175	0.215	20,755.04	19,805.93
0.040	8	0.0101	1.7344	1.5661	1.9026	0.156	0.173	0.177	0.191	0.181	0.213	0.202	0.231	0.206	0.253	0.227	0.271	10,377.52	9902.96
0.040	10	0.0126	1.3875	1.2529	1.5220	0.174	0.194	0.198	0.213	0.199	0.234	0.223	0.253	0.224	0.274	0.248	0.293	8302.02	7922.37
0.040	15	0.0188	0.9250	0.8352	1.0147	0.215	0.239	0.244	0.264	0.240	0.279	0.269	0.304	0.265	0.319	0.294	0.344	5534.68	5281.58
0.040	20	0.0251	0.6938	0.6264	0.7610	0.250	0.279	0.284	0.307	0.275	0.318	0.309	0.347	0.300	0.358	0.334	0.387	4151.01	3961.19
0.040	25	0.0314	0.5550	0.5011	0.6088	0.282	0.314	0.320	0.346	0.307	0.354	0.345	0.386	0.332	0.394	0.370	0.426	3320.81	3168.95
0.040	30	0.0377	0.4625	0.4176	0.5073	0.308	0.344	0.351	0.379	0.333	0.384	0.376	0.419	0.358	0.424	0.401	0.459	2767.34	2640.79
0.040	35	0.0440	0.3964	0.3580	0.4349	0.333	0.371	0.379	0.409	0.358	0.411	0.404	0.449	0.383	0.451	0.429	0.489	2372.00	2263.53
0.040	45	0.0565	0.3083	0.2784	0.3382	0.378	0.421	0.429	0.464	0.403	0.461	0.454	0.504	0.428	0.501	0.479	0.544	1844.89	1760.53
0.040	60	0.0754	0.2358	0.2129	0.2586	0.436	0.486	0.496	0.535	0.461	0.526	0.521	0.575	0.486	0.566	0.546	0.615	1383.67	1320.40
0.040	75	0.0942	0.1886	0.1703	0.2069	0.488	0.543	0.554	0.599	0.513	0.583	0.579	0.639	0.538	0.623	0.604	0.679	1106.94	1056.32
0.040	90	0.1131	0.1572	0.1419	0.1724	0.534	0.595	0.607	0.656	0.559	0.635	0.632	0.696	0.584	0.675	0.657	0.736	922.45	880.26
0.040	105	0.1319	0.1347	0.1217	0.1478	0.577	0.643	0.656	0.708	0.602	0.683	0.681	0.748	0.627	0.723	0.706	0.788	790.67	754.51
0.040	180	0.2262	0.0801	0.0723	0.0879	0.756	0.841	0.859	0.927	0.781	0.881	0.884	0.967	0.806	0.921	0.909	1.007	461.22	440.13
0.040	225	0.2827	0.0641	0.0579	0.0703	0.845	0.941	0.960	1.037	0.870	0.981	0.985	1.077	0.895	1.021	1.010	1.117	368.98	352.11
0.040	270	0.3393	0.0534	0.0482	0.0586	0.925	1.031	1.052	1.136	0.950	1.071	1.077	1.176	0.975	1.111	1.102	1.216	307.48	293.42
0.040	600	0.7540	0.0240	0.0217	0.0264	1.380	1.536	1.568	1.693	1.405	1.576	1.593	1.733	1.430	1.616	1.618	1.773	138.37	132.04
0.040	800	1.0053	0.0180	0.0163	0.0198	1.593	1.774	1.810	1.955	1.618	1.814	1.835	1.995	1.643	1.854	1.860	2.035	103.78	99.03
0.040	1000	1.2566	0.0144	0.0130	0.0158	1.781	1.983	2.024	2.186	1.806	2.023	2.049	2.226	1.831	2.063	2.074	2.266	83.02	79.22
0.050	4	0.0079	2.2200	2.0202	2.4198	0.138	0.150	0.153	0.165	0.163	0.190	0.178	0.205	0.188	0.230	0.203	0.245	13,337.79	12,809.17
0.050	8	0.0157	1.1100	1.0101	1.2099	0.194	0.212	0.216	0.233	0.219	0.252	0.241	0.273	0.244	0.292	0.266	0.313	6668.90	6404.59
0.050	10	0.0196	0.8880	0.8081	0.9679	0.217	0.237	0.241	0.261	0.242	0.277	0.266	0.301	0.267	0.317	0.291	0.341	5335.12	5123.67
0.050	15	0.0295	0.5920	0.5387	0.6453	0.268	0.293	0.298	0.322	0.293	0.333	0.323	0.362	0.318	0.373	0.348	0.402	3556.74	3415.78
0.050	20	0.0393	0.4440	0.4040	0.4840	0.312	0.341	0.346	0.375	0.337	0.381	0.371	0.415	0.362	0.421	0.396	0.455	2667.56	2561.83
0.050	25	0.0491	0.3552	0.3232	0.3872	0.352	0.384	0.390	0.422	0.377	0.424	0.415	0.462	0.402	0.464	0.440	0.502	2134.05	2049.47
0.050	30	0.0589	0.2960	0.2694	0.3226	0.386	0.421	0.428	0.463	0.411	0.461	0.453	0.503	0.436	0.501	0.478	0.543	1778.37	1707.89
0.050	35	0.0687	0.2537	0.2309	0.2765	0.416	0.454	0.462	0.500	0.441	0.494	0.487	0.540	0.466	0.534	0.512	0.580	1524.32	1463.91
0.050	45	0.0884	0.1973	0.1796	0.2151	0.472	0.515	0.524	0.567	0.497	0.555	0.549	0.607	0.522	0.595	0.574	0.647	1185.58	1138.59
0.050	60	0.1178	0.1509	0.1373	0.1645	0.545	0.595	0.605	0.654	0.570	0.635	0.630	0.694	0.595	0.675	0.655	0.734	889.19	853.94

Nominal Diameter	No of strands	Cross section of conductor	Resistance at 20 °C			Outer diameter unserved				Outer diameter single served				Outer diameter double served				1 kg HF-Litzwire unserved	
						Grade 1		Grade 2		Grade 1		Grade 2		Grade 1		Grade 2		Grade 1	Grade 2
			nom	min	max	min	max	min	max	min	max	min	max	min	max	min	max	Length	Length
[mm]	#	[mm²]	[Ohm/m]	[Ohm/m]	[Ohm/m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[m/kg]	[m/kg]
0.050	75	0.1473	0.1207	0.1099	0.1316	0.610	0.665	0.676	0.732	0.635	0.705	0.701	0.772	0.660	0.745	0.726	0.812	711.35	683.16
0.050	90	0.1767	0.1006	0.0915	0.1097	0.668	0.729	0.741	0.801	0.693	0.769	0.766	0.841	0.718	0.809	0.791	0.881	592.79	569.30
0.050	105	0.2062	0.0862	0.0785	0.0940	0.721	0.787	0.800	0.866	0.746	0.827	0.825	0.906	0.771	0.867	0.850	0.946	508.11	487.97
0.050	180	0.3534	0.0513	0.0467	0.0559	0.945	1.030	1.048	1.133	0.970	1.070	1.073	1.173	0.995	1.110	1.098	1.213	296.40	284.65
0.050	225	0.4418	0.0410	0.0373	0.0447	1.056	1.152	1.171	1.267	1.081	1.192	1.196	1.307	1.106	1.232	1.221	1.347	237.12	227.72
0.050	270	0.5301	0.0342	0.0311	0.0373	1.157	1.262	1.283	1.388	1.182	1.302	1.308	1.428	1.207	1.342	1.333	1.468	197.60	189.77
0.050	600	1.1781	0.0154	0.0140	0.0168	1.724	1.881	1.913	2.069	1.749	1.921	1.938	2.109	1.774	1.961	1.963	2.149	88.92	85.39
0.050	800	1.5708	0.0115	0.0105	0.0126	1.991	2.172	2.208	2.389	2.016	2.212	2.233	2.429	2.041	2.252	2.258	2.469	66.69	64.05
0.050	1000	1.9635	0.0092	0.0084	0.0101	2.226	2.429	2.469	2.671	2.251	2.469	2.494	2.711	2.276	2.509	2.519	2.751	53.35	51.24
0.071	4	0.0158	1.1010	1.0049	1.2106	0.195	0.210	0.213	0.228	0.220	0.250	0.238	0.268	0.245	0.290	0.263	0.308	6634.43	6419.69
0.071	8	0.0317	0.5505	0.5025	0.6053	0.276	0.297	0.301	0.322	0.301	0.337	0.326	0.362	0.326	0.377	0.351	0.402	3317.21	3209.85
0.071	10	0.0396	0.4404	0.4020	0.4842	0.308	0.332	0.336	0.360	0.333	0.372	0.361	0.400	0.358	0.412	0.386	0.440	2653.77	2567.88
0.071	15	0.0594	0.2936	0.2680	0.3228	0.381	0.410	0.415	0.444	0.406	0.450	0.440	0.484	0.431	0.490	0.465	0.524	1769.18	1711.92
0.071	20	0.0792	0.2202	0.2010	0.2421	0.443	0.477	0.483	0.517	0.468	0.517	0.508	0.567	0.493	0.557	0.533	0.597	1326.89	1283.94
0.071	25	0.0990	0.1762	0.1608	0.1937	0.499	0.538	0.544	0.582	0.524	0.578	0.569	0.622	0.549	0.618	0.594	0.662	1061.51	1027.15
0.071	30	0.1188	0.1468	0.1340	0.1614	0.547	0.589	0.596	0.638	0.572	0.629	0.621	0.678	0.597	0.669	0.646	0.718	884.59	855.96
0.071	35	0.1386	0.1258	0.1148	0.1384	0.591	0.636	0.644	0.689	0.616	0.676	0.669	0.729	0.641	0.716	0.694	0.769	758.22	733.68
0.071	45	0.1782	0.0979	0.0893	0.1076	0.670	0.721	0.730	0.781	0.695	0.761	0.755	0.821	0.720	0.801	0.780	0.861	589.73	570.64
0.071	60	0.2376	0.0748	0.0683	0.0823	0.773	0.833	0.843	0.902	0.798	0.873	0.868	0.942	0.823	0.913	0.893	0.982	442.30	427.98
0.071	75	0.2969	0.0699	0.0546	0.0658	0.865	0.931	0.942	1.009	0.890	0.971	0.967	1.049	0.915	1.011	0.992	1.089	353.84	342.38
0.071	90	0.3563	0.0499	0.0455	0.0549	0.947	1.020	1.032	1.105	0.972	1.060	1.057	1.145	0.997	1.100	1.082	1.185	294.86	285.32
0.071	105	0.4157	0.0428	0.0390	0.0470	1.023	1.102	1.115	1.194	1.048	1.142	1.140	1.234	1.073	1.182	1.165	1.274	252.74	244.56
0.071	135	0.5345	0.0333	0.0304	0.0366	1.160	1.249	1.264	1.353	1.185	1.289	1.289	1.393	1.210	1.329	1.314	1.433	196.58	190.21
0.071	180	0.7127	0.0254	0.0232	0.0280	1.339	1.443	1.460	1.563	1.364	1.483	1.485	1.603	1.389	1.523	1.510	1.643	147.43	142.66
0.071	225	0.8908	0.0203	0.0186	0.0224	1.498	1.613	1.632	1.747	1.523	1.653	1.657	1.787	1.548	1.693	1.682	1.827	117.95	114.13
0.071	270	1.0690	0.0170	0.0155	0.0186	1.641	1.767	1.788	1.914	1.666	1.807	1.813	1.954	1.691	1.847	1.838	1.994	98.29	95.11
0.071	600	2.3755	0.0076	0.0070	0.0084	2.446	2.634	2.665	2.853	2.471	2.674	2.690	2.893	2.496	2.714	2.715	2.933	44.23	42.80
0.071	800	3.1674	0.0057	0.0052	0.0063	2.824	3.041	3.077	3.295	2.849	3.081	3.102	3.335	2.874	3.121	3.127	3.375	33.17	32.10
0.071	1000	3.9592	0.0046	0.0042	0.0050	3.157	3.400	3.441	3.683	3.182	3.440	3.466	3.723	3.207	3.480	3.491	3.763	26.54	25.68
0.080	4	0.0201	0.8672	0.7988	0.9441	0.218	0.235	0.238	0.253	0.243	0.275	0.263	0.293	0.268	0.315	0.288	0.333	5241.94	5081.45
0.080	8	0.0402	0.4336	0.3994	0.4721	0.308	0.332	0.336	0.357	0.333	0.372	0.361	0.397	0.358	0.412	0.386	0.437	2620.97	2540.72
0.080	10	0.0503	0.3469	0.3195	0.3777	0.344	0.372	0.376	0.399	0.369	0.412	0.401	0.439	0.394	0.452	0.426	0.479	2096.78	2032.58
0.080	15	0.0754	0.2312	0.2130	0.2518	0.425	0.459	0.464	0.493	0.450	0.499	0.489	0.533	0.475	0.539	0.514	0.573	1397.85	1355.05
0.080	20	0.1005	0.1734	0.1598	0.1888	0.494	0.534	0.540	0.574	0.519	0.574	0.565	0.614	0.544	0.614	0.590	0.654	1048.39	1016.29
0.080	25	0.1257	0.1387	0.1278	0.1511	0.557	0.602	0.608	0.646	0.582	0.642	0.633	0.686	0.607	0.682	0.658	0.726	838.71	813.03
0.080	30	0.1508	0.1156	0.1065	0.1259	0.610	0.659	0.666	0.708	0.635	0.699	0.691	0.748	0.660	0.739	0.716	0.788	698.93	677.53
0.080	35	0.1759	0.0991	0.0913	0.1079	0.659	0.712	0.719	0.765	0.684	0.752	0.744	0.805	0.709	0.792	0.769	0.845	599.08	580.74
0.080	45	0.2262	0.0771	0.0710	0.0839	0.747	0.807	0.816	0.867	0.772	0.847	0.841	0.907	0.797	0.887	0.866	0.947	465.95	451.68
0.080	60	0.3016	0.0589	0.0543	0.0642	0.863	0.932	0.942	1.001	0.888	0.972	0.967	1.041	0.913	1.012	0.992	1.081	349.46	338.78
0.080	75	0.3770	0.0472	0.0434	0.0513	0.964	1.042	1.053	1.120	0.989	1.082	1.078	1.160	1.014	1.122	1.103	1.200	279.57	271.01
0.080	90	0.4524	0.0393	0.0362	0.0428	1.056	1.141	1.154	1.226	1.081	1.181	1.179	1.266	1.106	1.221	1.204	1.306	232.98	225.84
0.080	105	0.5278	0.0337	0.0310	0.0367	1.141	1.233	1.246	1.325	1.166	1.273	1.271	1.365	1.191	1.313	1.296	1.405	199.69	193.58
0.080	180	0.9048	0.0200	0.0184	0.0218	1.494	1.614	1.631	1.734	1.519	1.654	1.656	1.774	1.544	1.694	1.681	1.814	116.49	112.92
0.080	225	1.1310	0.0160	0.0148	0.0174	1.670	1.805	1.824	1.939	1.695	1.845	1.849	1.979	1.720	1.885	1.874	2.019	93.19	90.34
0.080	270	1.3572	0.0134	0.0123	0.0145	1.830	1.977	1.998	2.124	1.855	2.017	2.023	2.164	1.880	2.057	2.048	2.204	77.66	75.28
0.080	600	3.0159	0.0060	0.0055	0.0065	2.728	2.947	2.979	3.167	2.753	2.987	3.004	3.207	2.778	3.027	3.029	3.247	34.95	33.88
0.080	800	4.0212	0.0045	0.0042	0.0049	3.150	3.403	3.439	3.657	3.175	3.443	3.464	3.697	3.200	3.483	3.489	3.737	26.21	25.41
0.080	1000	5.0265	0.0036	0.0033	0.0039	3.522	3.805	3.845	4.088	3.547	3.845	3.870	4.128	3.572	3.885	3.895	4.168	20.97	20.33
0.100	4	0.0314	0.5550	0.5187	0.5949	0.270	0.293	0.295	0.313	0.295	0.333	0.320	0.353	0.320	0.373	0.345	0.393	3361.62	3263.16
0.100	8	0.0628	0.2775	0.2594	0.2975	0.382	0.414	0.417	0.442	0.407	0.454	0.442	0.482	0.432	0.494	0.467	0.522	1680.81	1631.58
0.100	10	0.0785	0.2220	0.2075	0.2380	0.427	0.462	0.466	0.494	0.452	0.502	0.491	0.534	0.477	0.542	0.516	0.574	1344.65	1305.26
0.100	15	0.1178	0.1480	0.1383	0.1587	0.527	0.571	0.576	0.610	0.552	0.611	0.601	0.650	0.577	0.651	0.626	0.690	896.43	870.18
0.100	20	0.1571	0.1110	0.1037	0.1190	0.613	0.665	0.670	0.710	0.638	0.705	0.695	0.750	0.663	0.745	0.720	0.790	672.32	652.63
0.100	25	0.1963	0.0888	0.0830	0.0952	0.691	0.749	0.755	0.800	0.716	0.789	0.780	0.840	0.741	0.829	0.805	0.880	537.86	522.11
0.100	30	0.2356	0.0740	0.0692	0.0793	0.757	0.820	0.827	0.876	0.782	0.860	0.852	0.916	0.807	0.900	0.877	0.956	448.22	435.09
0.100	35	0.2749	0.0634	0.0593	0.0680	0.818	0.886	0.894	0.947	0.843	0.926	0.919	0.987	0.868	0.966	0.944	1.027	384.18	372.93
0.100	40	0.3142	0.0555	0.0519	0.0595	0.874	0.947	0.955	1.012	0.899	0.987	0.980	1.052	0.924	1.027	1.005	1.092	336.16	326.32
0.100	45	0.3534	0.0493	0.0461	0.0529	0.927	1.005	1.013	1.073	0.952	1.045	1.038	1.113	0.977	1.085	1.063	1.153	298.81	290.06
0.100	60	0.4712	0.0377	0.0353	0.0404	1.071	1.160	1.170	1.239	1.096	1.200	1.195	1.279	1.121	1.240	1.220	1.319	224.11	217.54
0.100	75	0.5890	0.0302	0.0282	0.0324	1.197	1.297	1.308	1.386	1.222	1.337	1.333	1.426	1.247	1.377	1.358	1.466	179.29	174.04
0.100	90	0.7069	0.0252	0.0235	0.0270	1.311	1.421	1.433	1.518	1.336	1.461	1.458	1.558	1.361	1.501	1.483	1.598	149.41	145.03

Nominal Diameter	No of strands	Cross section of conductor	Resistance at 20 °C			Outer diameter unserved				Outer diameter single served				Outer diameter double served				1 kg HF-Litzwire unserved	
						Grade 1		Grade 2		Grade 1		Grade 2		Grade 1		Grade 2		Grade 1	Grade 2
			nom	min	max	min	max	min	max	min	max	min	max	min	max	min	max	Length	Length
[mm]	#	[mm²]	[Ohm/m]	[Ohm/m]	[Ohm/m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[m/kg]	[m/kg]
0.100	105	0.8247	0.0216	0.0201	0.0231	1.417	1.535	1.548	1.640	1.442	1.575	1.573	1.680	1.467	1.615	1.598	1.720	128.06	124.31
0.100	120	0.9425	0.0189	0.0176	0.0202	1.514	1.641	1.655	1.753	1.539	1.681	1.680	1.793	1.564	1.721	1.705	1.833	112.05	108.77
0.100	160	1.2566	0.0141	0.0132	0.0152	1.749	1.894	1.911	2.024	1.774	1.934	1.936	2.064	1.799	1.974	1.961	2.104	84.04	81.58
0.100	180	1.4137	0.0126	0.0118	0.0135	1.855	2.009	2.026	2.147	1.880	2.049	2.051	2.187	1.905	2.089	2.076	2.227	74.70	72.51
0.100	200	1.5708	0.0113	0.0106	0.0121	1.955	2.118	2.136	2.263	1.980	2.158	2.161	2.303	2.005	2.198	2.186	2.343	67.23	65.26
0.100	225	1.7671	0.0103	0.0096	0.0110	2.074	2.246	2.266	2.400	2.099	2.286	2.291	2.440	2.124	2.326	2.316	2.480	59.76	58.01
0.100	270	2.1206	0.0085	0.0080	0.0092	2.272	2.461	2.482	2.629	2.297	2.501	2.507	2.669	2.322	2.541	2.532	2.709	49.80	48.34
0.100	600	4.7124	0.0038	0.0036	0.0041	3.386	3.668	3.700	3.919	3.411	3.708	3.725	3.959	3.436	3.748	3.750	3.999	22.41	21.75
0.100	800	6.2832	0.0029	0.0027	0.0031	3.910	4.236	4.272	4.525	3.935	4.276	4.297	4.565	3.960	4.316	4.322	4.605	16.81	16.32
0.120	4	0.0452	0.3853	0.3636	0.4090	0.325	0.345	0.348	0.370	0.350	0.385	0.373	0.410	0.375	0.425	0.398	0.450	2340.72	2280.74
0.120	8	0.0905	0.1927	0.1818	0.2045	0.460	0.488	0.491	0.523	0.485	0.528	0.516	0.563	0.510	0.568	0.541	0.603	1170.36	1140.37
0.120	10	0.1131	0.1541	0.1455	0.1636	0.514	0.545	0.549	0.585	0.539	0.585	0.574	0.625	0.564	0.625	0.599	0.665	936.29	912.30
0.120	15	0.1696	0.1027	0.0970	0.1091	0.634	0.673	0.678	0.722	0.659	0.713	0.703	0.762	0.684	0.753	0.728	0.802	624.19	608.20
0.120	20	0.2262	0.0771	0.0727	0.0818	0.738	0.784	0.789	0.841	0.763	0.824	0.814	0.881	0.788	0.864	0.839	0.921	468.14	456.15
0.120	25	0.2827	0.0616	0.0582	0.0654	0.832	0.883	0.890	0.947	0.857	0.923	0.915	0.987	0.882	0.963	0.940	1.027	374.52	364.92
0.120	30	0.3393	0.0514	0.0485	0.0545	0.911	0.967	0.975	1.038	0.936	1.007	1.000	1.078	0.961	1.047	1.025	1.118	312.10	304.10
0.120	35	0.3958	0.0440	0.0416	0.0467	0.984	1.045	1.053	1.121	1.009	1.085	1.078	1.161	1.034	1.125	1.103	1.201	267.51	260.66
0.120	45	0.5089	0.0342	0.0323	0.0364	1.116	1.185	1.194	1.271	1.141	1.225	1.219	1.311	1.166	1.265	1.244	1.351	208.06	202.73
0.120	60	0.6786	0.0262	0.0247	0.0278	1.289	1.368	1.378	1.467	1.314	1.408	1.403	1.507	1.339	1.448	1.428	1.547	156.05	152.05
0.120	75	0.8482	0.0210	0.0198	0.0222	1.441	1.530	1.541	1.641	1.466	1.570	1.566	1.681	1.491	1.610	1.591	1.721	124.84	121.64
0.120	90	1.0179	0.0175	0.0165	0.0185	1.579	1.676	1.688	1.797	1.604	1.716	1.713	1.837	1.629	1.756	1.738	1.877	104.03	101.37
0.120	105	1.1875	0.0150	0.0141	0.0159	1.705	1.810	1.823	1.941	1.730	1.850	1.848	1.981	1.755	1.890	1.873	2.021	89.17	86.89
0.120	180	2.0358	0.0087	0.0082	0.0093	2.232	2.370	2.387	2.542	2.257	2.410	2.412	2.582	2.282	2.450	2.437	2.622	52.02	50.68
0.120	225	2.5447	0.0071	0.0067	0.0076	2.496	2.650	2.669	2.842	2.521	2.690	2.694	2.882	2.546	2.730	2.719	2.922	41.61	40.55
0.120	270	3.0536	0.0059	0.0056	0.0063	2.734	2.902	2.924	3.113	2.759	2.942	2.949	3.153	2.784	2.982	2.974	3.193	34.68	33.79
0.120	600	6.7858	0.0027	0.0025	0.0028	4.076	4.327	4.358	4.640	4.101	4.367	4.383	4.680	4.126	4.407	4.408	4.720	15.60	15.20
0.140	4	0.0616	0.2832	0.2691	0.2982	0.378	0.400	0.403	0.428	0.403	0.440	0.428	0.468	0.428	0.480	0.453	0.508	1723.00	1681.32
0.140	10	0.1539	0.1133	0.1076	0.1193	0.597	0.632	0.636	0.676	0.622	0.672	0.661	0.716	0.647	0.712	0.686	0.756	689.20	672.53
0.140	20	0.3079	0.0566	0.0538	0.0596	0.858	0.909	0.914	0.971	0.883	0.949	0.939	1.011	0.908	0.989	0.964	1.051	344.60	336.26
0.140	30	0.4618	0.0378	0.0359	0.0398	1.059	1.122	1.129	1.199	1.084	1.162	1.154	1.239	1.109	1.202	1.179	1.279	229.73	224.18
0.140	45	0.6927	0.0252	0.0239	0.0265	1.297	1.374	1.382	1.468	1.322	1.414	1.407	1.508	1.347	1.454	1.432	1.548	153.16	149.45
0.140	60	0.9236	0.0192	0.0183	0.0203	1.497	1.586	1.596	1.695	1.522	1.626	1.621	1.735	1.547	1.666	1.646	1.775	114.87	112.09
0.140	75	1.1545	0.0154	0.0146	0.0162	1.674	1.774	1.785	1.896	1.699	1.814	1.810	1.936	1.724	1.854	1.835	1.976	91.89	89.67
0.140	90	1.3854	0.0128	0.0122	0.0135	1.834	1.943	1.955	2.076	1.859	1.983	1.980	2.116	1.884	2.023	2.005	2.156	76.58	74.73
0.140	100	1.5394	0.0115	0.0110	0.0122	1.933	2.048	2.061	2.189	1.958	2.088	2.086	2.229	1.983	2.128	2.111	2.269	68.92	67.25
0.140	120	1.8473	0.0096	0.0091	0.0101	2.117	2.243	2.257	2.398	2.142	2.283	2.282	2.438	2.167	2.323	2.307	2.478	57.43	56.04
0.140	150	2.3091	0.0077	0.0073	0.0081	2.367	2.508	2.524	2.681	2.392	2.548	2.549	2.721	2.417	2.588	2.574	2.761	45.95	44.84
0.140	200	3.0788	0.0058	0.0055	0.0061	2.733	2.896	2.914	3.095	2.758	2.936	2.939	3.135	2.783	2.976	2.964	3.175	34.46	33.63
0.140	225	3.4636	0.0052	0.0050	0.0055	2.899	3.072	3.091	3.283	2.924	3.112	3.116	3.323	2.949	3.152	3.141	3.363	30.63	29.89
0.140	270	4.1563	0.0044	0.0041	0.0046	3.176	3.365	3.386	3.597	3.201	3.405	3.411	3.637	3.226	3.445	3.436	3.677	25.53	24.91
0.150	4	0.0707	0.2467	0.2351	0.2591	0.405	0.428	0.430	0.455	0.430	0.468	0.455	0.495	0.455	0.508	0.480	0.535	1501.26	1467.40
0.150	10	0.1767	0.0987	0.0940	0.1036	0.640	0.676	0.680	0.719	0.665	0.716	0.705	0.759	0.690	0.756	0.730	0.799	600.51	586.96
0.150	20	0.3534	0.0493	0.0470	0.0518	0.920	0.971	0.977	1.034	0.945	1.011	1.002	1.074	0.970	1.051	1.027	1.114	300.25	293.48
0.150	30	0.5301	0.0329	0.0313	0.0345	1.136	1.199	1.206	1.276	1.161	1.239	1.231	1.316	1.186	1.279	1.256	1.356	200.17	195.65
0.150	45	0.7952	0.0219	0.0209	0.0230	1.391	1.468	1.477	1.563	1.416	1.508	1.502	1.603	1.441	1.548	1.527	1.643	133.45	130.44
0.150	60	1.0603	0.0168	0.0160	0.0176	1.606	1.695	1.705	1.805	1.631	1.735	1.730	1.845	1.656	1.775	1.755	1.885	100.08	97.83
0.150	75	1.3254	0.0134	0.0128	0.0141	1.796	1.896	1.907	2.017	1.821	1.936	1.932	2.057	1.846	1.976	1.957	2.097	80.07	78.26
0.150	90	1.5904	0.0112	0.0107	0.0117	1.967	2.076	2.089	2.210	1.992	2.116	2.114	2.250	2.017	2.156	2.139	2.290	66.72	65.22
0.150	100	1.7671	0.0101	0.0096	0.0106	2.074	2.189	2.202	2.330	2.099	2.229	2.227	2.370	2.124	2.269	2.252	2.410	60.05	58.70
0.150	120	2.1206	0.0084	0.0080	0.0088	2.272	2.398	2.412	2.552	2.297	2.438	2.437	2.592	2.322	2.478	2.462	2.632	50.04	48.91
0.150	150	2.6507	0.0067	0.0064	0.0070	2.540	2.681	2.696	2.853	2.565	2.721	2.721	2.893	2.590	2.761	2.746	2.933	40.03	39.13
0.150	200	3.5343	0.0050	0.0048	0.0053	2.933	3.095	3.114	3.295	2.958	3.135	3.139	3.335	2.983	3.175	3.164	3.375	30.03	29.35
0.150	225	3.9761	0.0046	0.0043	0.0048	3.110	3.283	3.302	3.494	3.135	3.323	3.327	3.534	3.160	3.363	3.352	3.574	26.69	26.09
0.150	270	4.7713	0.0038	0.0036	0.0040	3.407	3.597	3.618	3.828	3.432	3.637	3.643	3.868	3.457	3.677	3.668	3.908	22.24	21.74
0.160	4	0.0804	0.2168	0.2071	0.2271	0.430	0.455	0.458	0.485	0.455	0.495	0.483	0.525	0.480	0.535	0.508	0.565	1321.05	1290.51
0.160	10	0.2011	0.0867	0.0828	0.0908	0.680	0.719	0.723	0.767	0.705	0.759	0.748	0.807	0.730	0.799	0.773	0.847	528.42	516.20
0.160	20	0.4021	0.0434	0.0414	0.0454	0.977	1.034	1.039	1.102	1.002	1.074	1.064	1.142	1.027	1.114	1.089	1.182	264.21	258.10
0.160	30	0.6032	0.0289	0.0276	0.0303	1.206	1.276	1.283	1.360	1.231	1.316	1.308	1.400	1.256	1.356	1.333	1.440	176.14	172.07
0.160	45	0.9048	0.0193	0.0184	0.0202	1.477	1.563	1.571	1.666	1.502	1.603	1.596	1.706	1.527	1.643	1.621	1.746	117.43	114.71
0.160	60	1.2064	0.0147	0.0141	0.0154	1.705	1.805	1.814	1.923	1.730	1.845	1.839	1.963	1.755	1.885	1.864	2.003	88.07	86.03
0.160	75	1.5080	0.0118	0.0113	0.0123	1.907	2.017	2.029	2.151	1.932	2.057	2.054	2.191	1.957	2.097	2.079	2.231	70.46	68.83

Nominal Diameter	No of strands	Cross section of conductor	Resistance at 20 °C			Outer diameter unserved				Outer diameter single served				Outer diameter double served				1 kg HF-Litzwire unserved	
						Grade 1		Grade 2		Grade 1		Grade 2		Grade 1		Grade 2		Grade 1	Grade 2
			nom	min	max	min	max	min	max	min	max	min	max	min	max	min	max	Length	Length
[mm]	#	[mm²]	[Ohm/m]	[Ohm/m]	[Ohm/m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[m/kg]	[m/kg]
0.160	90	1.8096	0.0098	0.0094	0.0103	2.089	2.210	2.222	2.356	2.114	2.250	2.247	2.396	2.139	2.290	2.272	2.436	58.71	57.36
0.160	100	2.0106	0.0088	0.0084	0.0093	2.202	2.330	2.342	2.483	2.227	2.370	2.367	2.523	2.252	2.410	2.392	2.563	52.84	51.62
0.160	120	2.4127	0.0074	0.0070	0.0077	2.412	2.552	2.2566	2.720	2.437	2.592	2.591	2.760	2.462	2.632	2.616	2.800	44.04	43.02
0.160	150	3.0159	0.0059	0.0056	0.0062	2.696	2.853	2.869	3.041	2.721	2.893	2.894	3.081	2.746	2.933	2.919	3.121	35.23	34.41
0.160	200	4.0212	0.0044	0.0042	0.0046	3.114	3.295	3.313	3.512	3.139	3.335	3.338	3.552	3.164	3.375	3.363	3.592	26.42	25.81
0.160	225	4.5239	0.0040	0.0038	0.0042	3.302	3.494	3.514	3.725	3.327	3.534	3.539	3.765	3.352	3.574	3.564	3.805	23.49	22.94
0.160	270	5.4287	0.0033	0.0032	0.0035	3.618	3.828	3.849	4.080	3.643	3.868	3.874	4.120	3.668	3.908	3.899	4.160	19.57	19.12
0.180	4	0.1018	0.1713	0.1643	0.1787	0.483	0.510	0.513	0.543	0.508	0.550	0.538	0.583	0.533	0.590	0.563	0.623	1044.95	1021.66
0.180	5	0.1272	0.1370	0.1315	0.1429	0.539	0.570	0.573	0.607	0.564	0.610	0.598	0.647	0.589	0.650	0.623	0.687	835.96	817.33
0.180	10	0.2545	0.0685	0.0657	0.0715	0.763	0.806	0.810	0.858	0.788	0.846	0.835	0.898	0.813	0.886	0.860	0.938	417.98	408.33
0.180	20	0.5089	0.0343	0.0329	0.0357	1.096	1.159	1.164	1.232	1.121	1.199	1.189	1.272	1.146	1.239	1.214	1.312	208.99	204.33
0.180	30	0.7634	0.0228	0.0219	0.0238	1.353	1.430	1.437	1.521	1.378	1.470	1.462	1.561	1.403	1.510	1.487	1.601	139.33	136.22
0.180	45	1.1451	0.0152	0.0146	0.0159	1.657	1.752	1.760	1.863	1.682	1.792	1.785	1.903	1.707	1.832	1.810	1.943	92.88	90.81
0.180	60	1.5268	0.0116	0.0112	0.0121	1.914	2.023	2.033	2.152	1.939	2.063	2.058	2.192	1.964	2.103	2.083	2.232	69.66	68.11
0.180	75	1.9085	0.0093	0.0089	0.0097	2.139	2.261	2.272	2.405	2.164	2.301	2.297	2.445	2.189	2.341	2.322	2.485	55.73	54.49
0.180	90	2.2902	0.0078	0.0074	0.0081	0.344	2.477	2.489	2.635	2.369	2.517	2.514	2.675	2.394	2.557	2.539	2.715	46.44	45.41
0.180	100	2.5447	0.0070	0.0067	0.0073	2.470	2.611	2.624	2.778	2.495	2.651	2.649	2.818	2.520	2.691	2.674	2.858	41.80	40.87
0.180	120	3.0536	0.0058	0.0056	0.0061	2.706	2.860	2.874	3.043	2.731	2.2900	2.899	3.083	2.756	2.940	2.2924	3.123	34.83	34.06
0.180	150	3.8170	0.0047	0.0045	0.0049	3.026	3.198	3.214	3.402	3.051	3.238	3.239	3.442	3.076	3.278	3.264	3.482	27.87	27.24
0.180	200	5.0894	0.0035	0.0034	0.0036	3.494	3.693	3.711	3.928	3.519	3.733	3.736	3.968	3.544	3.773	3.761	4.008	20.90	20.43
0.180	270	6.8707	0.0026	0.0025	0.0028	4.059	4.291	4.312	4.564	4.084	4.331	4.337	4.604	4.109	4.371	4.362	4.644	15.48	15.14
0.200	4	0.1257	0.1387	0.1335	0.1443	0.535	0.565	0.568	0.598	0.560	0.605	0.593	0.638	0.585	0.645	0.618	0.678	847.16	829.52
0.200	10	0.3142	0.0555	0.0534	0.0577	0.846	0.893	0.897	0.945	0.871	0.933	0.922	0.985	0.896	0.973	0.947	1.025	338.86	331.81
0.200	15	0.4712	0.0370	0.0356	0.0385	1.044	1.103	1.108	1.166	1.069	1.143	1.133	1.206	1.094	1.183	1.158	1.246	225.91	221.20
0.200	20	0.6283	0.0277	0.0267	0.0289	1.215	1.284	1.289	1.357	1.240	1.324	1.314	1.397	1.265	1.364	1.339	1.437	169.43	165.90
0.200	25	0.7854	0.222	0.0214	0.0231	1.370	1.446	1.453	1.530	1.395	1.486	1.478	1.570	1.420	1.526	1.503	1.610	135.54	132.72
0.200	30	0.9425	0.0185	0.0178	0.0192	1.500	1.584	1.591	1.676	1.525	1.624	1.616	1.716	1.550	1.664	1.641	1.756	112.95	110.60
0.200	45	1.4137	0.0123	0.0119	0.0128	1.838	1.941	1.949	2.052	1.863	1.981	1.974	2.092	1.888	2.021	1.999	2.132	75.30	73.73
0.200	60	1.8850	0.0094	0.0091	0.0098	2.122	2.241	2.251	2.370	2.147	2.281	2.276	2.410	2.172	2.321	2.301	2.450	56.48	55.30
0.200	75	2.3562	0.0075	0.0073	0.0078	2.372	2.505	2.516	2.649	2.397	2.545	2.541	2.689	2.422	2.585	2.566	2.729	45.18	44.24
0.200	90	2.8274	0.0063	0.0061	0.0065	2.599	2.744	2.756	2.902	2.624	2.784	2.781	2.942	2.649	2.824	2.806	2.982	37.65	36.87
0.200	100	3.1416	0.0057	0.0054	0.0059	2.739	2.893	2.906	3.059	2.764	2.933	2.931	3.099	2.789	2.973	2.956	3.139	33.89	33.18
0.200	120	3.7699	0.0047	0.0045	0.0049	3.001	3.169	3.183	3.351	3.026	3.209	3.208	3.391	3.051	3.249	3.233	3.431	28.24	27.65
0.200	150	4.7124	0.0038	0.0036	0.0039	3.355	3.543	3.559	3.747	3.380	3.583	3.584	3.787	3.405	3.623	3.609	3.827	22.59	22.12
0.200	200	6.2832	0.0028	0.0027	0.0029	3.874	4.091	4.109	4.326	3.899	4.131	4.134	4.366	3.924	4.171	4.159	4.406	16.94	16.59
0.250	2	0.0982	0.1776	0.1706	0.1850	0.472	0.497	0.499	0.525	0.497	0.537	0.524	0.565	0.522	0.577	0.549	0.605	1085.74	1064.23
0.250	4	0.1963	0.0888	0.0853	0.0925	0.668	0.703	0.705	0.743	0.693	0.743	0.730	0.783	0.718	0.783	0.755	0.823	542.87	532.12
0.250	10	0.4909	0.0355	0.0341	0.0370	1.055	1.111	1.115	1.174	1.080	1.151	1.140	1.214	1.105	1.191	1.165	1.254	217.15	212.85
0.250	15	0.7363	0.0237	0.0227	0.0247	1.303	1.371	1.376	1.449	1.328	1.411	1.401	1.489	1.353	1.451	1.426	1.529	144.76	141.90
0.250	20	0.9817	0.0178	0.0171	0.0185	1.516	1.596	1.602	1.687	1.541	1.636	1.627	1.727	1.566	1.676	1.652	1.767	108.57	106.42
0.250	30	1.4726	0.0118	0.0114	0.0123	1.872	1.970	1.977	2.082	1.897	2.010	2.002	2.122	1.922	2.050	2.027	2.162	72.38	70.95
0.250	45	2.2089	0.0079	0.0076	0.0082	2.293	2.413	2.421	2.550	2.318	2.453	2.446	2.590	2.343	2.493	2.471	2.630	48.25	47.30
0.250	60	2.9452	0.0060	0.0058	0.0063	2.647	2.786	2.796	2.945	2.672	2.826	2.821	2.985	2.697	2.866	2.846	3.025	36.19	35.47
0.250	75	3.6816	0.0048	0.0046	0.0050	2.960	3.115	3.126	3.292	2.985	3.155	3.151	3.332	3.010	3.195	3.176	3.372	28.95	28.38
0.250	90	4.4179	0.0040	0.0039	0.0042	3.242	3.412	3.424	3.607	3.267	3.452	3.449	3.647	3.292	3.492	3.474	3.687	24.13	23.65
0.300	2	0.1414	0.1233	0.1191	0.1278	0.564	0.590	0.592	0.622	0.589	0.630	0.617	0.662	0.614	0.670	0.642	0.702	755.81	742.20
0.300	10	0.7069	0.0247	0.0238	0.0256	1.261	1.320	1.324	1.391	1.286	1.360	1.349	1.431	1.311	1.400	1.374	1.471	151.16	148.44
0.300	15	1.0603	0.0164	0.0159	0.0170	1.1557	1.630	1.635	1.718	1.582	1.670	1.660	1.758	1.607	1.710	1.685	1.798	100.78	98.96
0.300	20	1.4137	0.0123	0.0119	0.0128	1.812	1.897	1.903	1.999	1.837	1.937	1.928	2.039	1.862	1.977	1.953	2.079	75.58	74.22
0.300	30	2.1206	0.0082	0.0079	0.0085	2.236	2.342	2.349	2.468	2.261	2.382	2.374	2.508	2.286	2.422	2.399	2.548	50.39	49.48
0.300	45	3.1809	0.0055	0.0053	0.0057	2.739	2.868	2.876	3.022	2.764	2.908	2.901	3.062	2.789	2.948	2.926	3.102	33.59	32.99
0.300	60	4.2412	0.0042	0.0040	0.0043	3.163	3.312	3.321	3.490	3.188	3.352	3.346	3.530	3.213	3.392	3.371	3.570	25.19	24.74
0.300	75	5.3014	0.0034	0.0032	0.0035	3.536	3.702	3.714	3.902	3.561	3.742	3.739	3.942	3.586	3.782	3.764	3.982	20.16	19.79
0.300	90	6.3617	0.0028	0.0027	0.0029	3.874	4.056	4.068	4.274	3.899	4.096	4.093	4.314	3.924	4.136	4.118	4.354	16.80	16.49
0.355	4	0.3959	0.0440	0.0427	0.0454	0.938	0.980	0.983	1.028	0.963	1.020	1.008	1.068	0.988	1.060	1.033	1.108	270.56	266.11
0.355	6	0.5939	0.0294	0.0285	0.0303	1.148	1.200	1.203	1.258	1.173	1.240	1.228	1.298	1.198	1.280	1.253	1.338	180.38	177.40
0.355	10	0.9898	0.0176	0.0171	0.0182	1.482	1.550	1.553	1.625	1.507	1.590	1.578	1.665	1.532	1.630	1.603	1.705	108.23	106.44
0.355	15	1.4847	0.0117	0.0114	0.0121	1.830	1.913	1.918	2.006	1.855	1.953	1.943	2.046	1.880	1.993	1.968	2.086	72.15	70.96
0.355	20	1.9796	0.0088	0.0085	0.0091	2.130	2.226	2.232	2.334	2.155	2.266	2.257	2.374	2.180	2.306	2.282	2.414	54.11	53.22
0.355	30	2.9694	0.0059	0.0057	0.0061	2.629	2.748	2.755	2.881	2.654	2.788	2.780	2.921	2.679	2.828	2.805	2.961	36.08	35.48
0.355	45	4.4541	0.0039	0.0038	0.0040	3.220	3.366	3.374	3.529	3.245	3.406	3.399	3.569	3.270	3.446	3.424	3.609	24.05	23.65

Nominal Diameter	No of strands	Cross section of conductor	Resistance at 20 °C			Outer diameter unserved				Outer diameter single served				Outer diameter double served				1 kg HF-Litzwire unserved	
						Grade 1		Grade 2		Grade 1		Grade 2		Grade 1		Grade 2		Grade 1	Grade 2
			nom	min	max	min	max	min	max	min	max	min	max	min	max	min	max	Length	Length
[mm]	#	[mm²]	[Ohm/m]	[Ohm/m]	[Ohm/m]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[m/kg]	[m/kg]
0.355	60	5.9388	0.0030	0.0029	0.0031	3.718	3.887	3.897	4.075	3.743	3.927	3.922	4.115	3.768	3.967	3.947	4.155	18.04	17.74
0.400	4	0.5027	0.0347	0.0336	0.0359	1.053	1.098	1.100	1.148	1.078	1.138	1.125	1.188	1.103	1.178	1.150	1.228	213.47	210.19
0.400	6	0.7540	0.0231	0.0224	0.0239	1.289	1.344	1.347	1.405	1.314	1.384	1.372	1.445	1.339	1.424	1.397	1.485	142.31	140.12
0.400	10	1.2566	0.0139	0.0134	0.0144	1.664	1.735	1.739	1.814	1.689	1.775	1.764	1.854	1.714	1.815	1.789	1.894	85.39	84.07
0.400	15	1.8850	0.0092	0.0089	0.0096	2.054	2.142	2.147	2.240	2.079	2.182	2.172	2.280	2.104	2.222	2.197	2.230	56.92	56.05
0.400	20	2.5133	0.0069	0.0067	0.0072	2.391	2.493	2.499	2.607	2.416	2.533	2.524	2.647	2.441	2.573	2.549	2.687	42.69	42.04
0.400	30	3.7699	0.0046	0.0045	0.0048	2.952	3.078	3.085	3.218	2.977	3.118	3.110	3.258	3.002	3.158	3.135	3.298	28.46	28.02
0.400	35	4.3982	0.0040	0.0038	0.0041	3.188	3.324	3.332	3.476	3.213	3.364	3.357	3.516	3.238	3.404	3.382	3.556	24.40	24.02
0.500	4	0.7854	0.0222	0.0216	0.0228	1.310	1.360	1.363	1.415	1.335	1.400	1.388	1.455	1.360	1.440	1.413	1.495	136.92	135.07
0.500	6	1.1781	0.0148	0.0144	0.0152	1.604	1.666	1.669	1.733	1.629	1.706	1.694	1.773	1.654	1.746	1.719	1.813	91.28	90.05
0.500	10	1.9635	0.0089	0.0086	0.0091	2.071	2.150	2.154	2.237	2.096	2.190	2.179	2.277	2.121	2.230	2.204	2.317	54.77	54.03
0.500	15	2.9452	0.0059	0.0058	0.0061	2.557	2.655	2.660	2.762	2.582	2.695	2.685	2.802	2.607	2.735	2.710	2.842	36.51	36.00
0.500	20	3.9270	0.0044	0.0043	0.0046	2.976	3.090	3.095	3.215	3.001	3.130	3.120	3.255	3.026	3.170	3.145	3.295	27.38	27.01
0.500	30	5.8905	0.0030	0.0029	0.0030	3.674	3.814	3.821	3.968	3.699	3.854	3.846	4.008	3.724	3.894	3.871	4.048	18.26	18.01
0.500	35	6.8722	0.0025	0.0025	0.0026	3.968	4.119	4.127	4.286	3.993	4.159	4.152	4.326	4.018	4.199	4.177	4.366	15.65	15.44