



AlFe laná sa používajú na diaľkové vonkajšie elektrické vedenie vvn, vn. Hliníkové lano s oceľovou dušou je konštruované tak, že dušu lano tvorí oceľový pozinkovaný drôt alebo lano a vonkajšie vrstvy sú z hliníkových drôtov. AlFe laná sa vyrábajú jednovrstvové až štvorvrstvové.

Normy:

PN ZSNP 1/83, STN 024210, GOST 839, DIN 48 204, BS 215, ASTM B 232. Po dohode je možné vyrobiť konštrukcie AlFe lán aj podľa iných zahraničných noriem.

AlFe lano je dodávané na oceľových, prípadne drevených bubnoch, malé prierezy aj v kruhoch. Vyrábaný sortiment AlFe lán je uvedený v tabuľkovej časti.

ACSR conductors are used for overhead lines. Aluminium conductor steel reinforced is designed so, that galvanized wire or conductor constitutes the core of the conductor and external coats are from aluminium wires. ACSR conductors are produced from single coated to max. four coats.

Standards:

PN ZSNP 1/83, STN 024210, GOST 839, DIN 48 204, BS 215, ASTM B 232. After agreement, it is possible to manufacture ACSR conductors designs in accordance with foreign standards.

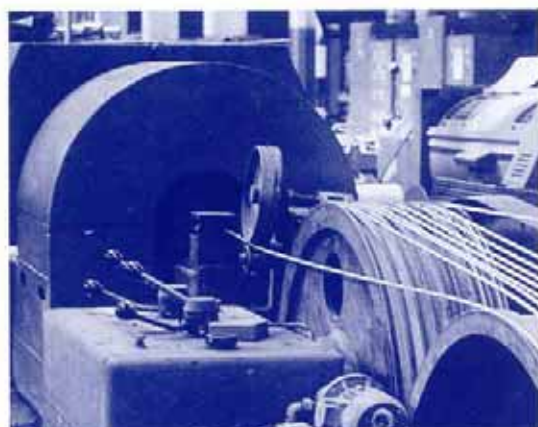
ACSR conductor is delivered on steel or wooden drums, small diameters also in rings. Manufactured assortment of ACSR conductors is listed in table section.

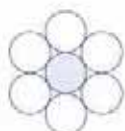
Die ACSR Seile werden für äußere Ultrahoch- und Hochspannung-Fernleitungen eingesetzt. Das Aluminiumseil mit Stahlseile ist derartig konstruiert, daß die Stahlseile ein verzinkter Draht oder Seil bildet, und die Außenlitzen aus Aluminiumdrähten bestehen. Die ACSR Seile werden zwei- bis vierlagig produziert.

Normen:

PN ZSNP 1/83, STN 024210, GOST 839, DIN 48 204, BS 215, ASTM B 232 und auch nach anderen ausländischen Normen zu produzieren.

Das ACSR Seil wird geliefert an Stahl- bzw. Holztrommeln, kleinere Durchschnitte auch in Ringen. Das Sortiment von ACSR Seilen ist aus der Tabelle ersichtlich.

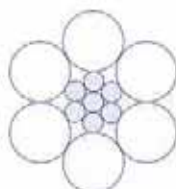




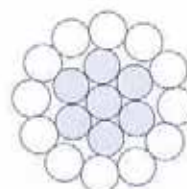
6Al/1Fe



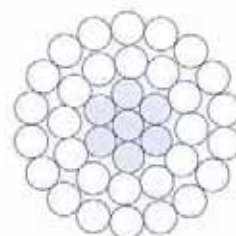
14Al/7Fe



6Al/7Fe



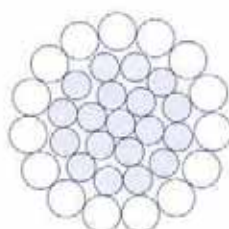
12Al/7Fe



30Al/7Fe



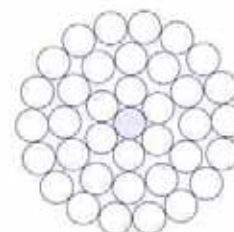
14Al/19Fe



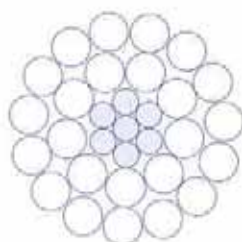
15Al/19Fe



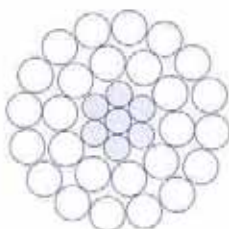
18Al/1Fe



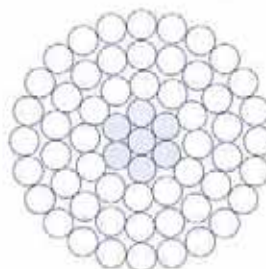
36Al/1Fe



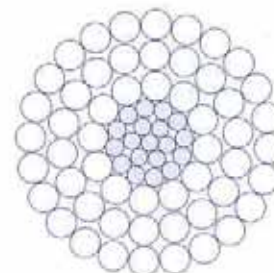
24Al/7Fe



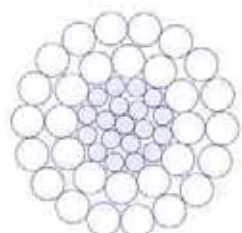
26Al/7Fe



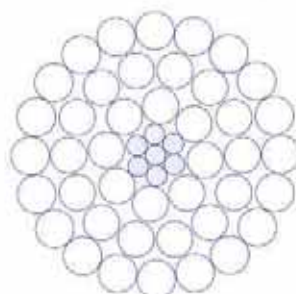
54Al/7Fe



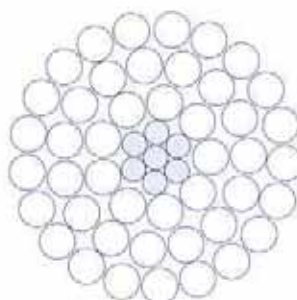
54Al/19Fe



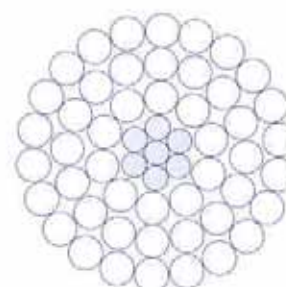
30Al/19Fe



42Al/7Fe



45Al/7Fe



48Al/7Fe



Označenie Code word Bezeichnung	Konštrukcia Construction Aufbau		Priemer Overall diameter Durchmesser		Prierez Cross section Querschnitt		Hmotnosť Weight Gewicht	Vypočítaný odpor pri 20°C Calculated resistance at 20°C Rechnerische Widerstand bei 20°C	Matematická únosnosť Calculated breaking load Rechnerische Bruchkraft	
	Al Al	Fe Steel Stahl	Lana Conductor Seile	Fe Steel Stahl	Al Al	Lana Conductor Seile				
	počet/Ø mm No./Ø mm Anzahl/Ø mm		mm mm mm		mm² mm² mm²		kg/km kg/km kg/km	Ω/km Ω/km Ω/km	kN kN kN	kg kg kg
Mole	6/1.50	1/1.50	4.50	1.50	10.60	12.37	43	2.707	4.13	421
Squirrel	6/2.11	1/2.11	6.33	2.11	20.98	24.48	85	1.368	7.91	806
Gopher	6/2.36	1/2.36	7.08	2.36	26.24	30.62	106	1.093	9.81	980
Weasel	6/2.59	1/2.59	7.77	2.59	31.61	36.88	128	0.9077	11.45	1.170
Ferret	6/3.00	1/3.00	9.00	3.00	42.41	49.48	172	0.8766	15.20	1.550
Rabbit	6/3.35	1/3.35	10.05	3.35	52.88	61.70	214	0.5426	18.35	1.870
Horse	12/2.79	7/2.79	13.95	8.37	73.37	116.2	538	0.3936	61.20	6.240
Dog	6/4.72	7/1.57	14.15	4.71	105.0	118.5	394	0.2733	32.70	3.330
Wolf	30/2.59	7/2.59	18.13	7.77	158.1	194.9	726	0.1828	69.20	7.060
Dingo	18/3.35	1/3.35	16.75	3.35	158.7	167.5	506	0.1815	35.70	3.640
Lynx	30/2.79	7/2.79	19.53	8.37	183.4	226.2	842	0.1576	79.80	8.140
Caracal	18/3.61	1/3.61	18.05	3.61	184.3	194.5	587	0.1563	41.10	4.190
Panther	30/3.00	7/3.00	21.00	9.00	212.1	261.5	974	0.1363	92.25	9.410
Jaguar	18/3.86	1/3.86	19.30	3.86	210.6	222.3	671	0.1367	46.55	4.750
Zebra	54/3.18	7/3.18	28.62	9.54	428.9	484.5	1.621	0.06740	131.9	13.450
Doluvedené láná sú pološtandardné Following Sizes are semi-standard Unter angeführte Seile sind Halbstandardseile										
Fox	6/2.79	1/2.79	8.37	2.79	36.68	42.80	148	0.7822	13.15	1.340
Mink	6/3.66	1/3.66	10.98	3.66	63.12	73.64	255	0.4546	21.80	2.220
Skunk	12/2.59	7/2.59	12.95	7.77	63.23	100.1	464	0.4568	52.90	5.400
Beaver	6/3.99	1/3.99	11.97	3.99	75.00	87.50	303	0.3826	25.75	2.630
Raccoon	6/4.09	1/4.09	12.27	4.09	78.84	91.98	319	0.3639	27.05	2.760
Otter	6/4.22	1/4.22	12.66	4.22	83.94	97.93	339	0.3418	28.80	2.940
Cat	6/4.50	1/4.50	13.50	4.50	95.40	111.3	386	0.3008	32.65	3.330
Hare	6/4.72	1/4.72	14.16	4.72	105.0	122.5	425	0.2733	35.95	3.670
Hyena	7/4.39	7/1.93	14.57	5.79	106.0	126.5	451	0.2707	41.00	4.180
Leopard	6/5.28	7/1.75	15.81	5.25	131.4	148.2	492	0.2796	40.75	4.160
Tiger	30/2.36	7/2.36	16.52	7.08	131.2	161.8	602	0.2202	58.00	5.910
Coyote	26/2.54	7/1.91	15.89	5.73	131.7	151.8	521	0.2191	46.35	4.730
Lion	30/3.18	7/3.18	22.26	9.54	238.3	293.9	1.094	0.1213	100.4	10.240
Bear	30/3.35	7/3.35	23.45	10.05	264.4	326.1	1.214	0.1093	111.2	11.340
Goat	30/3.71	7/3.71	25.97	11.13	324.3	400.0	1.489	0.08912	135.8	13.850
Antelope	54/2.97	7/2.97	26.73	8.91	374.1	422.6	1.415	0.07728	118.5	12.080
Sheep	30/3.99	7/3.99	27.93	11.97	375.0	462.5	1.722	0.07705	156.3	15.940
Bison	54/3.00	7/3.00	27.00	9.00	381.7	431.2	1.433	0.07574	120.9	12.330
Deer	30/4.27	7/4.27	29.89	12.81	429.6	529.8	1.973	0.06727	178.6	16.210
Camel	54/3.35	7/3.35	30.15	10.05	476.0	537.7	1.799	0.06074	145.9	14.880
Elk	30/4.50	7/4.50	31.50	13.50	477.0	588.3	2.190	0.06059	198.3	20.220
Moose	54/3.53	7/3.53	31.77	10.59	528.5	597.0	1.998	0.05470	161.0	16.420



Označenie Code word Bezeichnung	Konštrukcia Construction Aufbau		Priemer Overall diameter Durchmesser		Prierez Cross section Querschnitt		Hmotnosť Weight Gewicht	Matematická únosnosť Calculated breaking load Rechnerische Bruchkraft	Vypočítaný odpor pri 20°C Calculated resistance at 20°C Rechnerische Widerstand bei 20°C
AIFe ACSR ACSR	Al Aluminium Aluminium	Fe Steel Stahl	Lana Conductor Seile	Fe Steel Stahl	Al Aluminium Aluminium	Fe Steel Stahl			
mm ² mm ² mm ²	počet/Ø mm No./Ø mm Anzahl/Ø mm		mm mm mm		mm ² mm ² mm ²		kg/km kg/km kg/km	N N N	Ω/km Ω/km Ω/km
16/2,5	6/1.8	1/1.8	5.4	1.8	15.3	2.55	62.4	5.950	1.879
25/4	6/2.25	1/2.25	6.8	2.25	23.8	4	97.5	9.200	1.203
35/6	6/2.7	1/2.7	8.1	2.7	34.3	5.7	140.5	12.650	0.8352
44/32	14/2	7/2.4	11.2	7.2	44	31.7	376.8	45.000	0.6573
50/8	6/3.2	1/3.2	9.6	3.2	48.3	8	197.2	17.100	0.5947
50/30	12/2.33	7/2.33	11.7	6.99	51.2	29.8	382.5	43.800	0.5644
70/12	26/1.85	7/1.44	11.7	4.32	69.9	11.4	285.1	26.800	0.4130
95/15	26/2.15	7/1.67	13.6	5.01	94.4	15.3	384.8	35.750	0.3058
95/55	12/3.2	7/3.2	16	9.6	96.5	56.3	721.4	79.350	0.2993
105/75	14/3.1	19/2.25	17.5	11.25	105.7	75.5	906.7	108.450	0.2590
120/20	26/2.44	7/1.9	15.5	5.7	121.6	19.8	496.0	45.650	0.2374
120/70	12/3.6	7/3.6	18	10.8	122	71.3	913.2	100.000	0.2363
125/30	30/2.33	7/2.33	16.1	6.99	127.9	29.8	594.4	57.600	0.2259
150/25	26/2.7	7/2.1	17.1	6.31	148.9	24.2	606.7	55.250	0.1939
170/40	30/2.7	7/2.7	18.9	8.1	171.8	40.1	798.3	76.750	0.1682
185/30	26/3	7/2.33	19	6.99	183.8	29.8	748.5	66.200	0.1570
210/35	26/3.2	7/2.49	20.3	7.47	209.1	34.1	852.3	74.900	0.1381
210/50	30/3	7/3	21	9	212.1	49.5	985.7	93.900	0.1363
230/30	24/3.5	7/2.33	21	6.99	230.9	29.8	878.0	73.100	0.1250
240/40	26/3.45	7/2.68	21.9	8.04	243	39.5	989.8	86.400	0.1181
265/35	24/3.74	7/2.49	22.4	7.47	263.7	34.1	1002.7	83.050	0.1094
300/50	26/3.86	7/3	24.5	9	304.3	49.5	1239.2	107.000	0.0949
305/40	54/2.68	7/2.68	24.1	8.04	304.6	39.5	1160.6	99.400	0.0949
340/30	48/3	7/2.33	25	6.99	339.3	29.8	1178.2	92.900	0.0851
380/50	54/3	7/3	27	9	382	49.5	1454.5	123.100	0.0757
385/35	48/3.2	7/2.49	26.7	7.47	386	34.1	1341.1	104.800	0.0748
435/55	54/3.2	7/3.2	28.8	9.6	434.3	56.3	1654.2	136.450	0.0666
450/40	48/3.45	7/2.68	28.7	8.04	448.7	39.5	1557.1	120.750	0.0644
490/65	54/3.4	7/3.4	30.6	10.2	490.3	63.6	1867.8	153.100	0.0570
495/35	45/3.74	7/2.49	29.9	7.47	494.1	34.1	1644.0	121.800	0.0584
510/45	48/3.68	7/2.87	30.7	8.61	510.2	45.3	1774.6	136.650	0.0585
550/70	54/3.6	7/3.6	32.4	10.8	550	71.3	2094.6	170.600	0.0526
560/50	48/3.86	7/3	32.2	9	561.7	49.5	1950.4	148.950	0.0514
570/40	45/4	7/2.68	32.2	8.04	571.2	39.5	1727.5	139.000	0.0511
650/45	45/4.30	7/2.87	34.4	8.61	653.5	45.3	2112.5	155.800	0.0457
680/85	54/4	19/2.4	36	12	678.8	86	2572.5	210.400	0.0426



Označenie Code word Bezeichnung	Velkost Conductor size Aluminium Querschnitt Aluminium	Konštrukcia Construction Aufbau		Priemer Overall diameter Durchmesser		Vypočítaný prierez Calculated cross section Rechnerische Querschnitt		Hmotnosť Weight Gewicht	Matematická únosnosť Calculated breaking load Rechnerische Bruchkraft	Vypočítaný odpor pri 20°C Calculated resistance at 20°C Rechnerische Widerstand bei 20°C
		Al Aluminium Aluminium	Fe Steel Stahl	Lana Conductor Seile	Fe Steel Stahl	Al Aluminium Aluminium	Fe Steel Stahl			
	cmil (AWG)	počet/Ø mm No./Ø mm Anzahl/Ø mm		mm mm mm		mm² mm² mm²		kg/km kg/km kg/km	kg kg kg	Ω/km Ω/km Ω/km
Falcon*	1590000	54/4.359	19/2.616	39.23	13.08	805.7	102.1	3043	24800	0.03601
Lapwing*	1590000	45/4.775	7/3.183	38.20	9.549	806.0	55.7	2667	19100	0.03583
Parrot	1510500	54/4.247	19/2.248	38.22	12.74	765.2	96.9	2888	23500	0.03794
Nuthatch	1510500	45/4.653	7/3.101	37.22	9.303	765.0	52.9	2533	18100	0.03774
Plover*	1431000	54/4.135	19/2.482	37.22	12.41	725.2	91.9	2739	22300	0.04002
Bobolink*	1431000	45/4.529	7/3.020	36.23	9.060	725.0	50.1	2401	17400	0.03984
Martin	1351500	54/4.018	19/2.410	36.16	12.05	684.7	86.7	2584	21000	0.04238
Dipper	1351500	45/4.402	7/2.934	35.21	8.802	684.9	47.3	2269	16400	0.04216
Pheasant*	1272000	54/3.899	19/2.339	35.09	11.70	644.8	81.6	2434	19800	0.04501
Bittern*	1272000	45/4.270	7/2.847	34.16	8.541	644.4	44.6	2133	15500	0.04480
Skylark	1272000	36/4.775	1/4.775	33.43	4.775	644.8	17.9	1916	11900	0.04457
Grackle	1192500	54/3.774	19/2.266	33.97	11.33	604.3	76.8	2282	19000	0.04803
Bunting	1192500	45/4.135	7/2.756	33.08	8.268	604.4	41.8	2250	14500	0.04779
Finch*	1113000	54/3.647	19/2.189	32.83	10.95	565.4	71.5	2131	17700	0.05144
Bluejay*	1113000	45/3.995	7/2.664	31.96	7.992	564.3	39.0	1868	13500	0.05118
Curlew	1033500	54/3.513	7/3.513	31.62	10.54	523.4	67.9	1980	16500	0.05518
Ortolan	1033500	45/3.848	7/2.565	30.78	7.695	523.4	36.2	1733	12500	0.05517
Tanager	1033500	36/4.303	1/4.303	30.12	4.303	523.4	14.5	1558	9680	0.05488
Cardinal*	954000	54/3.376	7/3.376	30.39	10.13	483.4	62.7	1828	15300	0.05973
Rail*	954000	45/3.698	7/2.466	29.59	7.398	483.3	33.4	1600	11800	0.05975
Catbird	954000	36/4.135	1/4.135	28.95	4.135	483.5	13.4	1438	8920	0.05944
Canary	900000	54/3.279	7/3.279	29.51	9.837	456.0	59.1	1725	14400	0.06332
Ruddy	900000	45/3.592	7/2.395	28.74	7.185	455.9	31.5	1509	11100	0.06332
Mallard	795000	30/4.135	19/2.482	28.95	12.41	402.9	91.9	1839	17500	0.07186
Condor	795000	54/3.081	7/3.081	27.73	9.243	402.6	52.2	1522	12700	0.07173
Tern*	795000	45/3.376	7/2.250	27.01	6.750	402.8	27.8	1333	10000	0.07168
Coot	795000	36/3.774	1/3.774	26.42	3.774	402.8	11.2	1197	7580	0.07134
Drake*	795000	26/4.442	7/3.454	28.13	10.36	403.0	65.6	1628	14200	0.07167
Cuckoo*	795000	24/4.623	7/3.081	27.74	9.243	403.0	52.2	1524	12600	0.07166
Redwing	715500	30/3.922	19/2.352	27.45	11.76	362.4	82.6	1653	15700	0.07987
Starling	715500	26/4.214	7/3.277	26.69	9.831	362.7	59.0	1466	12800	0.07963
Stilt	715500	24/4.387	7/2.924	26.32	8.772	362.9	47.0	1372	11600	0.07961
Gannet	666600	26/4.067	7/3.162	25.75	9.486	337.7	55.0	1365	11900	0.08551
Flamingo	666600	24/4.234	7/2.822	25.40	8.466	337.9	43.8	1278	10800	0.08546
Swift	636000	36/3.376	1/3.376	23.63	3.376	322.2	8.9	958.2	6210	0.08916
Egret	636000	30/3.698	19/2.220	25.89	11.10	322.2	73.6	1470	14300	0.08984
Scoter	636000	30/3.698	7/3.698	25.89	11.09	322.2	75.2	1483	13700	0.08984
Grosbeak*	636000	26/3.973	7/3.089	25.16	9.267	322.4	52.5	1303	11400	0.08957
Rook*	636000	24/4.135	7/2.756	24.81	8.268	322.3	41.8	1219	10300	0.08960
Kingbird*	636000	18/4.775	1/4.775	23.88	4.775	322.4	17.9	1028	7080	0.08914
Teal	605000	30/3.607	19/2.164	25.25	10.82	306.6	69.9	1398	13600	0.09443
Wood Duck	605000	30/3.607	7/3.607	25.25	10.82	306.6	71.5	1411	13100	0.09443



ASTM Standard B 232-92

AlFe
ACSR

	Označenie Code word Bezeichnung	Veľkosť	Konštrukcia		Priemer		Vypočítaný prierez		Hmotnosť	Matematická únosnosť	Vypočítaný odpor
		Conductor size Querschnitt Aluminium	Construction	Aufbau	Overall diameter	Durchmesser	Calculated cross section	Rechnerische Querschnitt	Weight	Calculated breaking load	Calculated resistance at 20°C
		Aluminium	Aluminium	Steel	Steel	Aluminium	Steel	kg/km	kg	Ω/km	
		cmil (AWG)	počet/Ø mm No./Ø mm Anzahl/Ø mm	mm mm mm	mm ² mm ² mm ²	kg/km kg/km kg/km	kg kg kg	Ω/km Ω/km Ω /km			
	Squab	605 000	26/3.874	7/3.012	24.53	9.036	306.5	49.9	1239	11 100	0.09422
	Peacock	605 000	24/4.034	7/2.690	24.21	8.070	306.7	39.8	1161	9 800	0.09413
	Eagle	556 500	30/3.459	7/3.459	24.21	10.38	281.9	65.8	1297	12 500	0.1027
	Dove*	556 500	26/3.716	7/2.891	23.54	8.673	282.1	46.0	1140	10 300	0.1024
	Parakeet*	556 500	24/3.868	7/2.578	23.21	7.734	282.0	36.5	1067	9 000	0.1024
	Osprey*	556 500	18/4.465	1/4.465	22.33	4.465	281.9	15.7	898.8	6 190	0.1019
	Hen*	477 000	30/3.203	7/3.203	22.42	9.609	241.7	56.4	1112	10 800	0.1197
	Hawk*	477 000	26/3.439	7/2.675	21.78	8.025	241.5	39.3	976.5	8 880	0.1196
	Flicker*	477 000	24/3.581	7/2.388	21.49	7.164	241.7	31.4	914.5	7 810	0.1195
	Pelican*	477 000	18/4.135	1/4.135	20.68	4.135	241.7	13.4	771.0	5 310	0.1189
	Lark	397 500	30/2.924	7/2.924	20.47	8.772	201.5	47.0	927.0	9 260	0.1437
	Ibis*	397 500	26/3.139	7/2.441	19.88	7.323	201.2	32.8	813.4	7 390	0.1435
	Brant*	397 500	24/3.269	7/2.179	19.61	6.537	201.4	26.1	762.1	6 640	0.1434
	Chickadee*	397 500	18/3.774	1/3.774	18.87	3.774	201.4	11.2	642.2	4 500	0.1427
	Oriole*	336 400	30/2.690	7/2.690	18.83	8.070	170.5	39.8	784.6	7 900	0.1698
	Linnet*	336 400	26/2.888	7/2.245	18.29	6.735	170.3	27.7	688.5	6 400	0.1696
	Merlin*	336 400	18/3.472	1/3.472	17.36	3.472	170.4	9.5	543.5	3 920	0.1686
	Ostrich	300 000	26/2.728	7/2.121	17.28	6.363	152.0	24.7	614.3	5 770	0.1900
	Partridge*	266 800	26/2.573	7/2.002	16.30	6.006	135.2	22.0	546.5	5 140	0.2136
	Waxwing*	266 800	18/3.091	1/3.091	15.46	3.091	135.1	7.5	430.7	3 110	0.2127
0000	Penguin*	211 600	6/4.770	1/4.770	14.31	4.770	107.2	17.9	433.1	3 770	0.2666
000	Pigeon*	167 800	6/4.247	1/4.247	12.74	4.247	85.02	14.2	343.4	2 990	0.3365
00	Quail*	133 100	6/3.782	1/3.782	11.35	3.782	67.38	11.2	272.4	2 400	0.4243
0	Raven*	105 600	6/3.371	1/3.371	10.11	3.371	53.55	8.9	216.3	1 980	0.5341
1	Robin	83 690	6/3.000	1/3.000	9.000	3.000	42.41	7.1	171.4	1 620	0.6743
2	Sparate*	66 360	7/2.474	1/3.299	8.247	3.299	33.65	8.6	158.8	1 650	0.8497
2	Sparrow*	66 360	6/2.672	1/2.672	8.016	2.672	33.64	5.6	136.0	1 300	0.8499
4	Swanate*	41 740	7/1.961	1/2.614	6.536	2.614	21.14	5.4	99.8	1 070	1.353
4	Swan*	41 740	6/2.118	1/2.118	6.354	2.118	21.14	3.5	85.4	847	1.353
6	Turkey*	26 240	6/1.679	1/1.679	5.037	1.679	13.28	2.2	53.7	541	2.152
	Cochin**	211 300	12/3.371	7/3.371	16.86	10.11	107.1	62.5	785.2	9 360	0.2697
	Brahma**	203 200	16/2.863	19/2.482	18.14	12.41	103.0	91.9	1008	13 000	0.2803
	Dorking**	190 800	12/3.203	7/3.203	16.02	9.609	96.70	56.4	708.9	8 450	0.2986
	Dotterel**	176 900	12/3.084	7/3.084	15.42	9.252	89.64	52.3	657.2	7 830	0.3221
	Guinea**	159 000	12/2.924	7/2.924	14.62	8.772	80.58	47.0	590.7	7 300	0.3583
	Leghorn**	134 600	12/2.690	7/2.690	13.45	8.070	68.20	39.8	500.0	6 200	0.4234
	Minorca**	110 800	12/2.441	7/2.441	12.21	7.323	56.16	32.8	411.7	5 140	0.5142
	Petrel**	101 800	12/2.339	7/2.339	11.70	7.017	51.56	30.1	378.0	4 720	0.5600
	Grouse**	80 000	8/2.540	1/4.242	9.322	4.242	40.54	14.1	221.8	2 350	0.7089

Pozn.: * preferované laná
** laná so zvýšenou únosnosťou

Note: * preferred conductors
** increased breaking load conductors

Bemerkung: * Präferierte Seile
** Seile mit höherer Bruchkraft



Označenie Code word Bezeichnung	Fe					Al				AlFe				
	Počet drôtov a konštrukcia No. of wires and construction Anzahl der Drähle und Aufbau	Menovitý priemer drôtu Nominal wire diameter Draht-Name Durchmesser	Vypočítaný priemer Calculated diameter Rechnerische Durchmesser	Matematický prierez Calculated cross section Rechnerische Querschnitt	Zaručená únosnosť Guarantee breaking load Gewährte Bruchkraft	Počet drôtov a konštrukcia No. of wires and construction Anzahl der Drähle und Aufbau	Menovitý priemer drôtu Nominal wire diameter Draht-Name Durchmesser	Matematický prierez Calculated cross section Rechnerische Querschnitt	Zaručená únosnosť Guarantee breaking load Gewährte Bruchkraft	Priemer Diameter Durchmesser	Matematický prierez Calculated cross section Rechnerische Querschnitt	Pomer prierezo Cross section ratio Querschnittsverhältnis	Menovitá hmotnosť Nominal weight Nenngewicht	Vypočítaný odpor pri 20°C Calculated resistance at 20°C Rechnerische Widerstand bei 20°C
		mm mm mm	mm mm mm	mm² mm² mm²	kN kN kN		mm mm mm	mm² mm² mm²	kN kN kN	mm mm mm	mm² mm² mm²	Al:Fe Al:Fe Al:Fe	kg/km kg/km kg/km	Ω/km Ω/km Ω/km
16/6	1	1.80	1.80	2.54		6	1.80	15.27	2.75	5.40	17.81	6.00	62.50	1,8820
25/4	1	2.24	2.24	3.90	5.00	6	2.24	23.60	3.60	6.72	27.60	6.00	95.70	1.2058
38/32	1+6	2.36	7.08	30.60	35.00	15	1.80	38.10	6.10	10.70	68.80	1.25	355.60	0,7680
42/7	1	3.00	3.00	7.10	9.00	6	3.00	42.40	6.10	9.00	49.50	6.00	171.60	0,6871
42/25	1+6	2.12	6.36	24.70	28.20	12	2.12	42.40	6.50	10.68	67.10	1.71	319.30	0,6920
60/14	1+6	1.60	4.80	14.10	16.10	9+15	1.80	61.10	9.90	12.00	75.10	4.34	283.20	0,4662
70/11	1+6	1.40	4.20	10.80	12.30	9+15	1.95	71.70	11.00	12.00	82.50	6.65	285.60	0,4010
70/11-1	1+6	1.40	4.20	10.80	12.30	6	3.75	66.30	8.90	11.70	77.10	6.15	269.80	0,4308
85/83	1+6+12	2.36	11.80	83.10	94.90	18	2.45	84.80	13.00	16.70	167.90	1.02	918.80	0,30713
100/25	1+6	2.12	6.36	24.70	28.20	12+18	2.06	100.00	15.30	14.60	124.70	4.05	478.50	0,2843
110/22	1+6	2.00	6.00	22.00	25.10	11+17	2.24	110.30	16.90	14.96	132.30	5.02	484.90	0,2591
150/25	1+6	2.12	6.36	24.70	28.20	10+16	2.65	143.40	20.70	16.96	168.10	5.80	597.80	0,1999
180/59	3+9	2.50	10.39	58.90	67.30	15+21	2.50	178.70	27.00	20.39	235.60	3.00	971.30	0,1593
185/31	1+6	2.36	7.08	30.60	35.00	10+16	3.00	183.80	26.50	19.08	214.40	6.00	756.80	0,1562
240/39	1+6	2.65	7.95	38.60	44.10	10+16	3.45	243.00	32.80	21.75	281.70	6.30	984.40	0,1181
350/4	1+6+12	2.36	11.80	83.10	94.90	12+18	3.75	331.30	49.70	26.80	414.40	3.99	1805.20	0,0840
350/59	3+9	2.50	10.39	58.90	67.30	11+17	4.00	351.90	47.50	26.39	410.80	5.97	1453.00	0,0816
445/74	3+9	2.80	11.63	73.90	84.50	11+17	4.50	445.30	56.10	29.63	519.20	6.03	1831.80	0,0645
450/52	3+9	2.36	9.81	52.50	60.00	12+18+24	3.25	448.00	60.50	29.31	500.50	8.53	1667.40	0,0646
680/83	1+6+12	2.36	11.80	83.10	94.90	12+18+24	4.00	678.60	91.60	35.80	761.70	8.16	2556.10	0,0425
750/43	1+6	2.80	8.40	43.10	49.20	12+18/18+24	2.90/4.12	758.10	107.40	36.50	801.20	17.59	2431.70	0,03840