Related Standard
İlgili Standart
TS IEC 1089

Unit System: Metric
Değerler Metrik Birim Sistemindedir

ANMA DEĞERİ mm² Code number	Kanada Standardındaki Candian Standard			KESİT Section				TEL SAYI VE ÇAPLARI Dia.and no of Wires					ANMA ÇAPI Overall Diameter		Anma Kopma Yükü Rated strenght Kg	Doğru Akım Direnci D.C. Resistance Ohm/km	Anma Birim Ağırlığı Unit Weight			Ağırlık Total Weight		Makara ST. AMBALAJ Packing		
	Adı Type	Kesit AWG Section	Al mm²	Çelik mm² Steel	Toplam mm² Total	Bakır Eşdeğeri mm² Cupper Equivalent	Alüminyum Aliminium Tel Sayısı No. of wires	Alüminyum Aliminium Tel Çapı Wire Diameter mm	Çelik Steel Tel Sayısı No. of wires	Çelik Steel Tel Çapı Wire Diameter mm	Çelik Öz Steel Core mm	Toplam İletken Total conductor mm			Al Kg/km	Çelik Steel Kg/km	Toplam Total Kg/km	Al %	Çelik Steel %	Makara Tipi Type Of Reel	Bir Makarada In one reel: İletken Boyu Reel Lengths m	Net Ağırlık Net Weight Kg
17/3	Turnus	5	16.83	2.8	19.63	10.6	6	1.89	1	1.89	1.89	5.67	665	1.075	46.2	21.8	68	67.9	32.1	R-100	6*1600	653
21/4	Swan	4	21.18	3.53	24.71	13.3	6	2.12	1	2.12	2.12	6.36	831	1.355	58.1	27.5	85.6	67.9	32.1	R-100	5*1600	685
27/4	Swallow	3	26.69	4.45	31.14	16.8	6	2.38	1	2.38	2.38	7.14	1023	1.074	73.2	34.6	107.8	67.9	32.1	R-100	4*1600	690
34/6	Sparrow	2	33.59	5.6	39.19	21.1	6	2.67	1	2.67	2.67	8.01	1264	0.854	92.1	43.6	135.7	67.9	32.1	R-100	3*1600	652
42/7	Robin	1	42.41	7.07	49.48	26.7	6	3	1	3	3	9	1579	0.677	116.4	55	171.4	67.9	32.1	R-100	2*1600	550
54/9	Raven	1/0	53.52	8.92	62.44	33.7	6	3.37	1	3.37	3.37	10.11	1945	0.536	146.8	69.4	216.2	67.9	32.1	R-100	2*1600	692
67/11	Quail	2/0	67.33	11.22	78.55	43.3	6	3.78	1	3.78	3.78	11.34	2420	0.426	184.7	87.3	272	67.9	32.1	R-100	2400	653
85/14	Pigeon	3/0	85.12	14.18	99.3	53.5	6	4.25	1	4.25	4.25	12.75	3035	0.337	233.5	110.4	343.9	67.9	32.1	R-100	1600	550
135/7	Waxwing	266800	134.98	7.5	142.48	84.9	18	3.09	1	3.09	3.09	15.45	3220	0.213	371.8	58.3	430.1	86.4	13.6	R-100	1600	688
130/22	Partridge	266800	134.87	21.99	156.86	84.8	26	2.57	7	2	6	16.28	5099	0.214	372.2	171.6	543.8	68.5	31.5	R-120	1600	870
152/8	Phoebe	300000	152.09	8.45	160.54	95.6	18	3.28	1	3.28	3.28	16.4	3628	1891	418.9	65.7	484.6	86.4	13.6	R-120	2500	1212
152/25	Ostrich	300000	152.19	24.71	174.9	65.7	26	2.73	7	2.12	6.36	17.28	5736	0.190	420	192.6	612.9	68.5	31.5	R-120	1600	981
242/39	Hawk	477000	241.65	39.19	280.84	152	26	3.44	7	2.67	8.01	21.77	8798	1194	666.8	306	972.8	68.5	31.5	R-150	1600	1557
403/65	Drake	795000	402.56	65.44	468	253.2	26	4.44	7	3.45	10.35	28.11	14165	0.072	1110.9	511	1621.9	68.5	31.5	R-180	1600	2595
485/63	Cardinal	954000	484.53	62.81	547.34	304.7	54	3.38	7	3.38	10.14	30.42	15589	0.060	1339.6	190.2	1829.8	73.2	26.8	R-200	2100	3843
645/82	Pheasent	1272000	645.08	81.71	726.79	405.7	54	3.9	19	2.34	11.7	35.1	20383	0.045	1783.8	639.7	2423.5	73.6	26.4	R-200	1500	3636

Related Standard
İlgili Standart

ASTM-B 232

Unit System: Metric
Değerler Metrik Birim Sistemindedir

Kod Code	Size AWG-MCM	Stranding N²xØmm Alüminyum Alum.	Çelik Steel	Section mm² Toplam Total	Alüminyum Alum.	Çap mm Overall Diameter Toplam Total	Çelik Öz Core	Birim Ağırlığı kg/km Cable Weight Toplam Total	Alüminyum Alum.	Çelik Steel	Kopma Mukavemeti kN Rated Strenght	Direnç Ω/Km Electrical Resistance D.C 20 °C	A.C 25 °C	A.C 75 °C	Current Carrying Capacity 1 (A)
TURKEY	6	6*1,68	1*1,68	15.52	13.3	5.04	1.68	53.8	36.5	17.3	5.295	2.114	2.150	2.685	110
SWAN	4	6*2,12	1*2,12	24.71	21.18	6.36	2.12	85.4	58	27.4	8.28	1.328	1.354	1.717	145
SWANATE	4	7*1,96	1*2,61	26.47	21.12	6.53	2.61	99.7	58	41.7	10.5	1.131	1.339	1.738	145
SPARROW	2	6*2,67	1*2,67	39.2	33.6	8.01	2.67	135.9	92.3	43.6	12.68	0.834	0.853	1.108	195
SPARATE	2	7*2,47	1*3,30	42.09	33.54	5.24	3.3	158.8	92.3	66.51	6.2	0.825	0.844	1.118	195
ROBIN	1	6*3,00	1*3,00	49.48	42.41	9	3	171.4	116.4	55	15.8	0.662	0.677	0.891	200
RAVEN	1/0	6*3,37	1*3,37	62.44	53.52	10.11	3.37	216.1	146.7	69.4	19.49	0.524	5370	0.717	255
QUAIL	2/0	6*378	1*3,38	78.55	67.33	11.34	3.78	272.5	185	87.5	23.63	0.416	0.427	0.580	295
PIGEON	3/0	6*4,25	1*4,25	99.31	85.12	12.75	4.25	343.5	233.2	110.3	29.46	0.330	0.339	0.471	340
PENGUIN	4/0	6*4,77	1*4,77	125.09	107.22	14.31	4.77	433.2	294.2	139	37.16	0.261	0.270	0.383	390
WAXWING	266.8	18*3,09	*3,09	142.5	135	15.45	3.09	431.6	372.9	58.7	30.62	0.212	0.217	0.260	480
PARTRIDGE	266.8	26*2,57	7*2,00	156.9	134.9	16.28	6	546.1	374.3	171.8	50.28	0.21	0.217	0.257	490
ORSTRICH	300	26*2,73	7*2,12	176.9	152.2	17.28	6.36	614.6	421.3	193.3	56.52	0.187	0.191	0.228	530
MERLIN	336.4	18*3,47	1*3,47	179.7	170.2	17.35	3.47	543.2	469.7	73.5	38.36	0.168	0.172	0.206	560
LINNET	336.4	26*2,89	7*2,25	198.4	170.6	18.31	6.75	689	472.2	216.8	62.75	0.166	0.167	0.204	570
ORIOLE	336.4	30*2,69	7*2,69	210.3	170.5	18.83	8.07	784.3	473.2	311.1	76.98	0.165	0.169	0.202	575
CHICKADEE	397.5	18*3,77	1*3,77	212.1	200.9	18.85	3.77	642.9	555.5	87.4	44.23	0.122	0.146	0.174	620
BRANT	397.5	24*3,27	7*2,18	227.7	201.6	19.62	6.54	762	558.1	203.9	64.97	0.142	0.145	0.173	630
IBIS	397.5	26*3,14	7*2,44	234	201.3	19.88	7.32	8140	558.2	255.8	72.53	0.141	0.144	0.173	635
LARK	397.5	30*2,92	7*2,92	247.8	200.9	20.44	8.76	927.1	555.1	372	90.3	0.140	0.143	0.172	645
PALICAN	477	18*4,14	1*4,14	255.8	242.3	20.7	4.14	770.9	666.4	104.5	52.51	0.118	0.122	0.145	700
FLICKER	477	26*3,58	7*2,39	278	241.6	21.19	7.17	915.2	670.1	245.1	76.54	0.118	0.121	0.144	710
HAWK	477	26*3,44	7*2,67	280.8	241.6	21.77	8.01	977.7	669.7	308	86.77	0.117	0.120	0.144	715
HEN	477	30*3,20	7*3,20	297.6	241.3	22.4	9.6	1111.7	671	440.7	105.91	0.117	0.119	0.143	725
OSPREY	556.5	18*4,47	1*4,47	298.2	282.5	22.35	4.47	898.9	777	121.9	60.96	0.101	0.104	0.125	775
PARAKEET	556.5	24*3,87	7*2,58	318.9	282.3	23.22	7.74	1067	781.6	285.4	88.11	0.101	0.104	0.124	785
DOVE	556.5	26*3,72	7,2,89	328.5	282.6	23.55	6.67	1140	781.3	358.7	105.57	0.101	0.103	0.124	790
EAGLE	556.5	27*3,30	7*3,46	347.9	282.1	24.27	1.38	1297.7	983.2	514.5	123.71	0.100	0.103	0.123	800
PEACOCK	605	24*4,03	7*2,69	345.9	306.1	24.19	8.07	1160.8	849.8	311	96.12	0.093	0.095	0.114	830
SQUAB	605	26*3,87	7*,3,01	355.6	305.8	24.51	9.03	1239.7	849.8	389.9	108.13	0.093	0.095	0.114	835
WOODUCK	605	30*3,61	7*3,61	378.8	307.1	25.27	10.83	1410.8	851.2	559.6	128.6	0.032	0.094	0.113	845
TEAL	605	30*3,61	19*2,16	376.1	307.1	25.24	10.8	1398.9	851.5	547.4	135.5	0.092	0.094	0.113	845
KINGBIRD	636	18*4,78	1*4,78	340.9	323	23.9	4.78	1026.9	887.4	139.5	69.86	0.089	0.092	0.109	840
ROOK	636	24*4,14	7*2,76	365	323.1	24.84	8.28	1281.8	892.9	388.9	97.6	0.088	0.091	0.108	855
GROSBEAK	636	26*3,97	7*3,09	321.8	25.15	9.27	1302.2	892.9	boş	409.6	1302.2	112.14	0.088	0.108	860
SCOTER	636	30*3,70	7*3,70	397.9	322.6	25.9	11.1	1477.8	891.4	586.4	135.27	0.088	0.090	0.108	870
EGRET	636	30*3,70	19*2,22	396.1	322.6	25.9	11.1	1470.3	895	575.3	140.17	0.088	0.899	0.108	870
SWIFT	636	36*3,38	1,3*38	332	323	23.66	3.58	958.4	888.4	70	61.41	0.089	9186	0.109	845
FLAMINGO	666.6	24*4,23	7*2,82	381	337.3	25.38	8.46	1276.9	935.2	341.7	105.46	0.084	0.856	0.104	880
GANNET	666.6	26*4,07	7*3,16	393.2	338.3	25.76	9.48	1364.7	936.1	428.6	117.48	0.084	0.085	0,103,02	885

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Kod Code	Size AWG-MCM	Stranding N²xØmm		Section mm²		Çap mm Overall Diameter		Birim Ağırlığı kg/km Cable Weight			Kopma Mukavemeti N Rated Strenght	Direnç Ω/Km Electrical Resistance			Current Carrying Capacity 1 (A)
		Alüminyum Alum.	Çelik Steel	Toplam Total	Alüminyum Alum.	Toplam Total	Çelik Öz Core	Toplam Total	Alüminyum Alum.	Çelik Steel		D.C 20 °C	A.C 25 °C	A.C 75 °C	
STILT	715.5	24*4,39	7*2,92	410.2	363.3	26.32	8.76	1372.1	1,004.5	367.6	113.47	0.078	0.081	0.097	920
STARLING	715.5	26*4,21	7*3,28	421	361.9	26.68	9.84	1465.9	1,004.5	461.4	126.37	0.078	0.080	0.096	930
REDWING	715.5	30*3,92	19*2,35	444.5	362.1	27.43	11.75	1653.4	1,007.1	646.3	153.96	0.078	0.080	0.095	940
CUCKOO	795.0	24*4,62	7*3,08	454.5	402.3	27.72	9.24	1522.4	1,115.2	407.2	124.15	0.071	0.073	0.087	985
DRAKE	795.0	26*4,44	7*3,45	468	402.6	28.11	10.35	1628.1	1,115.8	512.3	140.17	0.071	0.073	0.087	995
COOT	795.0	36*3,77	1*3,77	413.1	401.9	26.39	3.77	1198	1,110.2	87.8	74.76	0.072	0.074	0.088	975
TERN	795.0	45*3,38	7*2,25	431.6	403.8	27.03	6.75	1333.4	1,116.1	217.3	98.34	0.071	0.074	0.088	970
CONDOR	795.0	54*3,08	7*3,08	454.5	402.3	27.72	9.24	1513.9	1,116.1	407.8	125.48	0.071	0.073	0.087	975
MALLARD	795.0	30*4,14	19*2,48	495.6	403.8	28.96	12.4	1837.9	1,118.7	719.2	170.87	0.070	0.072	0.086	1005
RUDDY	900.0	45*3,59	7*2,40	487.2	455.5	28.74	7.2	1510.5	1,263.5	247	108.58	0.062	0.065	0.077	1050
CANARY	900.0	54*3,28	7*3,38	515.4	456.3	29.52	9.84	1724.8	1,263.5	461.3	141.95	0.062	0.065	0.077	1055
CATBIRD	954.0	36*4,14	1*4,14	498.1	484.6	28.98	4.14	1437.6	1,333.4	104.2	88.11	0.060	0.062	0.074	1095
RAIL	954.0	45*3,70	7*2,47	517.3	483.8	29.61	7.41	1599.8	1,333.4	260.4	115.25	0.059	0.062	0.074	1090
CARDINAL	954.0	54*3,38	7*3,38	547.3	484.5	30.42	10.14	1829	1,339.8	489.2	150.4	0.059	0.061	0.073	1095
TANAGER	1,033.5	36*4,30	1*4,30	537.3	522.8	30.1	4.3	1556.6	1,433.5	113.1	95.23	0.056	0.059	0.069	1130
ORTOLAN	1,033.5	45*3,85	7*2,57	560.2	523.9	30.81	7.71	1733.7	1,451.0	282.7	123.26	0.055	0.057	0.068	1150
CURLEW	1,033.5	54*3,52	7*3,52	593.6	525.5	31.68	10.56	1980.8	1,451.0	529	162.86	0.054	0.057	0.068	1150
BLUEJAY	1,113.0	45*4,00	7*2,66	604.4	565.5	31.98	7.98	1687.7	1,562.6	305.1	132.6	0.051	0.053	0.064	1205
FINCH	1,113.0	54.365	19*2,19	636.6	565.0	32.85	10.95	2129.6	1,570.0	559.6	174	0.051	0.053	0.063	1205
BUNTING	1,192.5	45*4,14	7*2,76	647.7	605.8	33.12	8.28	2000.1	1,674.2	325.9	142.4	0.048	0.050	0.059	1255
GRACKLE	1,192.5	54*3,77	19*2,27	679.7	602.8	33.97	11.35	2281.4	1,681.7	599.8	186.45	0.047	0.050	0.059	1260
SKYLARK	1,272.0	36*4,78	1*4,78	664	646.0	33.46	4.78	1916.8	1,776.9	139.9	117.48	0.045	0.048	0.056	1310
BITTERN	1,272.0	45*4,27	7*2,85	489.1	644.4	34.17	8.55	2134.1	1,785.8	384.3	151.74	0.045	0.047	0.056	1310
PHEASANT	1,272.0	54*3,90	19*2,34	726.8	645.1	35.1	11.7	2433.2	1,794.2	639	194	0.044	0.047	0.055	1310
DIPPERF	1,351.5	45*4,40	7*2,93	731.4	684.2	35.19	8.79	2266.5	1,898.5	368	161.08	0.042	0.045	0.053	1360
MARTIN	1,351.5	54*4,02	19*2,41	772.1	685.4	36.17	12.05	2585	1,906.4	678.6	206.03	0.042	0.044	0.052	1365
BOBOLINK	1,431.0	45*4,53	7*3,02	775.4	725.3	36.24	9.06	2400.4	2,009.1	391.3	170.43	0.040	0.043	0.005	1410
PLOVER	1,431.0	54*4,14	19*2,48	818.7	726.9	37.24	12.4	2738.3	2,019.0	719.3	218.48	0.039	0.042	0.050	1415
NUTHATCH	1,510.5	45*4,65	7*3,10	817	764.2	37.2	9.3	2532.9	2,120.7	412.2	178.44	0.037	0.040	0.048	1455
PARROT	1,510.5	54*4,25	19*2,55	863.1	766.1	38.25	12.75	2890.1	2,131.1	759	230.05	0.037	0.040	0.047	1460
LAPWING	1,590.0	45*4,78	7*3,18	863.1	807.5	38.22	9.54	2666.8	2,232.3	434.5	187.78	0.036	0.039	0.046	1505
FALCON	1,590.0	54*4,36	19*2,62	908.6	806.2	39.26	13.1	3041.9	2,242.7	799.2	242.51	0.035	0.038	0.045	1510
CHUKAR	1,780.0	84*3,70	19*2,22	976.7	903.2	42.7	11.1	3086.5	2,510.6	575.9	226.94	0.032	0.035	0.041	1620
BLUEBIRD	2,156.0	84*4,07	19*2,44	1181.6	1092.8	44.76	12.2	3737.8	3,040.4	697.4	268.32	0.026	0.030	0.034	1815
KIWI	2,167.0	72*4,41	7*2,94	1147.3	1099.8	44.1	8.82	3427.3	3,056.7	370.6	221.6	0.026	0.030	0.035	1795
THRASHER	2,312.8	76*4,43	19*2,07	1235.3	1711.4	45.79	1035	3760.7	3,262.1	498.6	252.3	0.025	0.028	0.033	1875

Related Standard / İlgili Standart | ASTM-B 232

Unit System: Metric
Değerler Metrik Birim Sistemindedir

Kod Code	Size AWG-MCM	Stranding N²xØmm		Section mm²		Çap mm Overall Diameter		Birim Ağırlığı kg/km Cable Weight			Kopma Mukavemeti kN Rated Strenght	Direnç Ω/Km Electrical Resistance			Current Carrying Capacity 1 (A)
		Alüminyum Alum.	Çelik Steel	Toplam Total	Alüminyum Alum.	Toplam Total	Çelik Öz Core	Toplam Total	Alüminyum Alum.	Çelik Steel		D.C 20 °C	A.C 25 °C	A.C 75 °C	
GROUSE	80	8*2,54	1*4,24	54.66	40.54	9.32	4.24	221.7	111.8	109.9	23.140	0.680	0.696	0.963	200
PETREL	101.8	12*2,34	7*2,34	81.71	51.61	11.7	7.02	378.11	142.9	235.2	42.280	0.522	0.529	7835	250
MINORCA	110.8	12*2,44	7*2,44	88.84	56.11	12.2	7.32	411.6	155.5	256.1	50.280	0.479	0.498	0.742	265
LEGHORN	134.6	12*2,69	7*2,69	108	68.2	13.45	8.07	500	189	311	60.520	0.395	0.401	0.618	300
GUINEA	159	12*2,92	7*,2,92	127.23	80.36	14.6	8.76	590.5	223.2	367.3	68.080	0.334	0.340	0.537	330
DOTTEREL	176.9	12*3,08	7*3,08	141.56	89.41	15.4	9.25	656.9	248.4	408.4	76.780	0.300	0.308	0.492	350
DORKING	190.8	12*3,20	7*3,20	152.81	96.51	16	9.6	708.8	267.9	440.9	83.210	0.278	0.284	0.462	370
BRAHMA	203.2	16*2,86	19*2,48	194.57	102.79	18.12	12.4	1007.2	285.3	721.9	126.370	0.252	0.256	0.430	380
COCHIN	211.3	12*3,37	7*3,37	169.47	107.04	16.85	10.11	785	296.6	488.4	92.110	0.251	0.256	0.425	390

Related Standard
İlgili Standart | ASTM-B 232

Unit System: U.S. Units
Değerler Amerikan Birim Sistemindedir

Kod Code	Size (AWG- or Kcmil)	Stranding Al/Stl	Diametre(ins.)				Weight Per 1000 ft.(lbs.)			Content%		Rated Strenght (lbs.)	Resistance OHMS/1000ft.		Allowable Ampacity+ (Amps)
			İndividual Wires		Steel Core	Complete Cable	Al	Stl	Total	Al	Stl			A.C 75 oC	
			Al	Stl											
Bluejay	1113.0	45/7	0.157	0.105	0.315	1.259	1050	205	1254	83.69	16.31	29.800	0.016	0.019	1092
Finch	1113.0	54/19	0.144	0.086	0.431	1.293	1055	376	1430	73.75	26.25	39.100	0.014	0.020	1093
Bunting	1192.5	45/7	0.163	0.109	0.326	1.302	1125	219	1342	83.69	16.31	32.000	0.014	0.018	1139
Grackle	1192.5	54/19	0.149	0.089	0.446	1.333	1130	403	1531	73.75	26.25	41.900	0.014	0.018	1140
Bittern	1272.0	45/7	0.168	0.112	0.336	1.345	1200	234	1432	83.69	16.31	34.100	0.014	0.017	1184
Pheasant	1272.0	54/19	0.154	0.092	0.461	1.382	1206	429	1634	73.75	26.25	34.600	0.014	0.017	1187
Dipper	1351.5	45/7	0.173	0.116	0.347	1.386	1275	247	1521	83.69	16.31	36.200	0.013	0.016	1229
Martin	1351.5	54/19	0.158	0.095	0.475	1.424	1281	456	1735	73.75	26.25	46.300	0.013	0.016	1232
Bobolink	1431.0	45/7	0.178	0.119	0.357	1.427	1350	263	1611	83.69	16.31	38.300	0.012	0.015	1272
Plover	1431.0	54/19	0.163	0.098	0.489	1.465	1357	483	1838	73.75	26.25	49.100	0.012	0.016	1275
Nuthatch	1510.5	45/7	0.183	0.122	0.366	1.466	1425	277	1700	83.69	16.31	40.000	0.011	0.015	1313
Parrot	1510.5	54/19	0.167	0.100	0.502	1.505	1432	510	1938	73.75	26.25	51.700	0.011	0.015	1318
Lapwing	1590.0	45/7	0.188	0.253	0.376	1.504	1500	292	1790	83.69	16.31	42.200	0.011	0.014	1354
Falcon	1590.0	54/19	0.172	0.105	0.515	1.545	1507	537	2042	73.75	26.25	54.500	0.011	0.014	1359
Chukar	1780.0	84/19	0.146	0.087	0.437	1.602	1687	387	2072	81.3	18.7	51.000	0.010	0.013	1453
Bluebird	2156.0	84/19	0.160	0.096	0.481	1.762	2044	468	2508	81.3	18.7	60.300	0.008	0.011	1623
Kiwi	2167.0	72/7	0.174	0.116	0.347	1.735	2054	249	2300	89.2	10.8	49.800	0.008	0.011	1607
HICH MECHANICAL STRENGHT															
Grouse	80.0	8/1	0.1	0.167	0.167	0.367	75.1	73.9	149	50.56	49.44	5.200	0.207	0.294	204
Petrel	101.8	12/7	0.092	0.092	0.276	0.461	158	158	254	37.79	62.21	10.400	0.158	0.25	237
Minarco	110.8	12/7	0.096	0.096	0.288	0.481	172.1	172.1	276	37.79	62.21	11.300	0.145	0.235	248
Leghorn	134.6	12/7	0.106	0.106	0.318	0.53	208.9	208.9	336	37.79	62.21	13.600	0.12	0.204	273
Guinea	159.0	12/7	0.115	0.115	0.345	0.576	249.8	246.8	396	37.79	62.21	16.000	0.101	0.181	297
Dotterel	176.9	12/7	0.121	0.125	0.364	0.607	274.6	274.6	441	37.79	62.21	17.300	0.091	0.169	312
Dorking	190.8	12/7	0.126	0.126	0.378	0.631	296.3	296.3	476	37.79	62.21	18.700	0.085	0.16	324
Brahma	203.2	16/19	0.113	0.098	0.489	0.714	485	485	675	28.33	71.67	20.700	0.076	0.155	341
Cochin	211.3	12/7	0.133	0.133	0.398	0.664	328.2	328.2	527	37.79	62.21	28.400	0.076	0.15	340

Related Standard / İlgili Standart | DIN 48204(old code) / EN 50182(new code)

Unit System: Metric
Değerler Metrik Birim Sistemindedir

Code	New Code	Crosssectinal Area			No of wires		Wire diameter		Diameter		Mass per unit length	Rated strength	DC resistance	Final modulus of elasticitiy	Cofficient of lineer expansion	Current carrying capacity
		Al	Steel	Total			Al	Steel	Core	Cond.						
		mm2	mm2	mm2	Al	Steel	mm	mm	mm	mm	kg/km	kN	Ω/km	N/mm2	1/K	A
16/2,5	15-AL1/3-ST1A	15.3	2.54	17.8	6	1	1.80	1.80	1.80	5.40	61.60	5.80	1,876 9	81.000	1.92E-5	105
25/4	24-AL1/4-ST1A	23.9	3.98	27.8	6	1	2.25	2.25	2.25	6.75	96.30	8.95	1,201 2	81.000	1.92E-5	140
35/6	34-AL1/6-ST1A	34.4	5.73	40.1	6	1	2.70	2.70	2.70	8.10	138.70	12.37	0,834 2	81.000	1.92E-5	170
44/32	44-AL1/32-ST1A	44	31.7	75.6	14	7	2.00	2.40	2.40	11.20	369.30	44.24	0,657 4	110.000	1.50E-5	-
50/8	48-AL1/8-SAT1A	48.3	8.04	56.3	6	1	3.20	3.20	3.20	9.60	194.80	16.81	0,593 9	81.000	1.92E-5	210
50/30	51-AL1/30-SAT1A	51.2	29.8	81.0	12	7	2.33	2.33	6.99	11.70	374.70	42.98	0,564 4	107.000	1.53E-5	-
70/12	70-AL1/11-ST1A	69.9	11.4	81.3	26	7	1.85	1.44	4.32	11.70	282.20	26.27	0,413 2	77.000	1.89E-5	290
95/15	94-AL1/15-ST1A	94.4	15.3	109.7	26	7	2.15	1.67	5.01	13.60	380.60	34.93	0,306 0	77.000	1.89E-5	350
95/55	97-AL1/56-ST1A	96.5	56.3	152.8	12	7	3.20	3.20	9.60	16.00	706.80	77.85	0,299 2	107.000	1.53E-5	-
105/75	106-AL1/76-ST1A	105.7	75.5	181.2	14	19	3.10	2.25	11.30	17.50	885.30	105.82	0,274 2	110.000	1.50E-5	-
120/20	122-AL1/20-ST1A	121.6	19.8	141.4	26	7	2.44	1.90	5.70	15.50	491.00	44.50	0,237 6	77.000	1.89E-5	410
120/70	122-AL1/71-ST1A	122.1	71.3	193.4	12	7	3.60	3.60	10.80	18.00	894.50	97.92	0,236 4	107.000	1.53E-5	-
125/30	128-AL1/30-ST1A	127.9	29.8	157.8	30	7	2.33	2.33	6.99	16.30	587.00	56.41	0,226 0	82.000	1.78E-5	425
150/25	149-AL1/24-ST1A	148.9	24.2	173.1	26	7	2.70	2.10	6.30	17.10	600.80	53.67	0,194 0	77.000	1.89E-5	470
170/40	172-AL1/40-ST1A	171.8	40.1	211.8	30	7	2.70	2.70	8.10	18.90	788.20	74.89	0,168 3	82.000	1.78E-5	520
185/30	184-AL1/30-ST1A	183.8	29.8	213.6	26	7	3.00	2.33	6.99	19.00	741.00	65.27	0,157 1	77.000	1.89E-5	535
210/35	209-AL1/34-ST1A	209.1	34.1	243.2	26	7	3.20	2.49	7.47	20.30	844.10	73.36	0,138 1	77.000	1.89E-5	590
210/50	212-AL1/49-ST1A	212.1	49.5	261.5	30	7	3.00	3.00	9.00	21.00	973.10	92.46	0,136,3	82.000	1.78E-5	610
230/30	231-AL1/30-ST1A	230.9	29.8	260.8	24	7	3.50	2.33	6.99	21.00	870.90	72.13	0,125 0	74.000	1.96E-5	630
240/40	243-AL1/39-ST1A	243.1	39.5	282.5	26	7	3.45	2.68	8.04	21.80	980.10	85.12	0,118 8	77.000	1.89E-5	645
265/35	264-AL1/34-ST1A	263.7	34.1	297.7	24	7	3.74	2.49	7.47	22.40	994.40	81.04	0,109 5	74.000	1.96E-5	680
300/50	304-AL1/47-ST1A	304.3	49.5	353.7	26	7	3.86	3.00	9.00	24.40	1227.30	105.09	0,094 9	77.000	1.89E-5	740
305/40	305-AL1/39-ST1A	304.6	39.5	344.1	54	7	2.68	2.68	8.04	24.10	1151.20	96.80	0,094 9	70.000	1.93E-5	740
340/30	339-AL1/30-ST1A	339.3	29.8	369.1	48	7	3.00	2.33	6.99	25.00	1171.20	91.71	0,085 2	62.000	2.05E-5	790
380/50	382-AL1/49-ST1A	381.7	49.5	431.2	54	7	3.00	3.00	9.00	27.00	1442.50	121.30	0,075 8	70.000	1.93E-5	840
385/35	386-AL1/34-ST1A	386	34.1	420.1	48	7	3.20	2.49	7.47	26.70	1333.60	102.56	0,074 9	62.000	2.05E-5	850
435/55	434-AL1/56-ST1A	434.3	56.3	490.6	54	7	3.20	3.20	9.60	28.00	1641.30	133.59	0,066 6	70.000	1.93E-5	900
450/40	449-AL1/39-ST1A	448.7	39.5	488.2	48	7	3.45	2.68	8.04	28.70	1549.10	119.05	0,064 4	62.000	2.05E-5	920
490/65	490-AL1/64-ST1A	490.3	63.6	553.8	54	7	3.40	3.40	10.20	30.60	1852.90	150.81	0,059 0	70.000	1.93E-5	960
495/35	494-AL1/34-ST1A	494.4	34.1	528.4	45	7	3.74	2.49	7.47	29.90	1632.60	117.96	0,058 4	61.000	2.09E-5	985
510/45	511-AL1/45-ST1A	515	45.3	558.8	48	7	3.68	2.87	8.61	30.70	1765.30	133.31	0,056 6	62.000	2.05E-5	995
550/70	550-AL1/71-ST1A	549.7	71.3	620.9	54	7	3.60	3.60	10.80	32.40	2077.20	166.32	0,052 6	70.000	1.93E-5	1020
560/50	562-AL1/49-ST1A	561.7	49.5	611.2	48	7	3.86	3.00	9.00	32.20	1939.50	146.28	0,051 5	62.000	2.05E-5	1040
570/40	571-AL1/39-ST1A	571.2	39.5	610.6	45	7	4.02	2.68	8.04	32.20	1887.10	136.40	0,050 6	61.000	2.09E-5	1050
650/45	653-AL1/45-ST1A	653.5	45.3	698.8	45	7	4.30	2.87	8.61	34.40	2159.90	156.18	0,044 2	61.000	2.09E-5	1120
680/85	679-AL1/86-ST1A	678.6	86.0	764.5	54	19	4.00	2.40	12.00	36.00	2549.70	206.56	0,042 6	68.000	1.94E-5	1150
1045/45	1046-AL1/45-ST1A	1045.6	45.3	1090.9	72	7	4.30	2.87	8.61	43.00	3248.20	218.92	0,027 7	60.000	2.17E-5	1580

Related Standard / İlgili Standart: BS 215-Part 2(old code) / EN 50182(new code)

Unit System: Metric
Değerler Metrik Birim Sistemindedir

Code	New Code	Crosssectinal Area			No of wires		Wire diameter		Diameter		Mass per unit length	Rated strength	DC resistance
		Al	Steel	Total			Al	Steel	Core	Cond.			
		mm²	mm²	mm²	Al	Steel	mm	mm	mm	mm	kg/km	kN	Ω/km
MOLE	11-AL1/2-ST1A	10.6	1.77	12.4	6	1	1.5	1.5	1.5	4.5	42.8	4.14	2,702 7
SQUIRREL	21-AL1/3-ST1A	21	3.5	24.5	6	1	2.11	2.11	2.11	6.33	84.7	7.87	1,365 9
GOPHER	26-AL1/4-ST1A	26.2	4.37	30.6	6	1	2.36	2.36	2.36	7.08	106	9.58	1,091 9
WEASEL	32-AL1/5-ST1A	31.6	5.27	36.9	6	1	2.59	2.59	2.59	7.77	127.6	11.38	0,906 5
FOX	37-AL1/6-ST1A	36.7	6.11	42.8	6	1	2.79	2.79	2.79	8.37	148.1	13.21	0,781 2
FERRET	42-AL1/7-ST1A	42.4	7.07	49.5	6	1	3	3	3	9	171.2	15.27	0,675 7
RABBIT	53-AL1/9-ST1A	52.9	8.81	61.7	6	1	3.35	3.35	3.35	10.1	213.5	18.42	0,541 9
MINK	63-AL1/11-ST1A	63.1	10.5	73.6	6	1	3.66	3.66	3.66	11	254.9	21.67	0,454 0
SKUNK	63-AL1/37-ST1A	63.2	36.9	100.1	12	7	2.59	2.59	7.77	13	463	52.79	0,456 8
BEAVER	75-AL1/13-ST1A	75	12.5	87.5	6	1	3.99	3.99	3.99	12	302.9	25.76	0,382 0
HORSE	73-AL1/43-ST1A	73.4	42.8	116.2	12	7	2.79	2.79	8.37	14	537.3	61.26	0,393 6
RACCON	79-AL1/13-ST1A	78.8	13.1	92	6	1	4.09	4.09	4.09	12.3	318.3	27.06	0,363 5
OTTER	84-AL1/14-ST1A	83.9	14	97.9	6	1	4.22	4.22	4.22	12.7	338.8	28.81	0,341 5
CAT	95-AL1/16-ST1A	95.4	15.9	111.3	6	1	4.5	4.5	4.5	13.5	385.3	32.76	0,300 3
HARE	105-AL1/17-ST1A	105	17.5	122.5	6	1	4.72	4.72	4.72	14.2	423.8	36.04	0,273 0
DOG	105-AL1/14-ST1A	105	13.6	118.5	6	7	4.72	1.57	4.71	14.2	394	32.65	0,273 3
COYOTE	132-AL1/20-ST1A	131.7	20.1	151.8	26	7	2.54	1.91	5.73	15.9	520.7	45.86	0,219 2
COUGAR	132-AL1/17-ST1A	131.5	7.31	138.8	18	1	3.05	3.05	3.05	15.3	418.8	29.74	0,218 8
TIGER	131-AL1/31-ST1A	131.2	30.6	161.9	30	7	2.36	2.36	7.08	16.5	602.2	57.87	0,220 2
WOLF	158-AL1/37-ST1A	158.1	36.9	194.9	30	7	2.59	2.59	7.77	18.1	725.3	68.91	0,182 9
DINGO	159-AL1/9-ST1A	158.7	8.81	167.5	18	1	3.35	3.35	3.35	16.8	505.2	35.87	0,181 4
LYNX	183-AL1/43-ST1A	183.4	42.8	226.2	30	7	2.79	2.79	8.37	19.5	841.6	79.97	0,157 6
CARACAL	184-AL1/10-ST1A	184.2	10.2	194.5	18	1	3.61	3.61	3.61	18.1	586.7	40.74	0,156 2
PANTHER	212-AL1/49-ST1A	212.1	49.5	261.5	30	7	3	3	9	21	973.1	92.46	0,136 3
JAGUAR	211-AL1/12-ST1A	210.6	11.7	222.3	18	1	3.86	3.86	3.86	19.3	670.8	46.57	0,136 6
LION	238-AL1/56-ST1A	238.3	55.6	293.9	30	7	3.18	3.18	9.54	22.3	1093.4	100.47	0,121 3
BEAR	264-AL1/62-ST1A	264.4	61.7	326.1	30	7	3.35	3.35	10.1	23.5	1213.4	111.5	0,109 3
GOAT	324-AL1/76-ST1A	324.3	75.7	400	30	7	3.71	3.71	11.1	26	1488.2	135.13	0,089 1
SHEEP	375-AL1/88-ST1A	375.1	87.5	462.6	30	7	3.99	3.99	12	27.9	1721.3	156.3	0,077 1
ANTELOPE	374-AL1/48-ST1A	374.1	48.5	422.6	54	7	2.97	2.97	8.91	26.7	1413.8	118.88	0,077 3
BISON	382-AL1/49-ST1A	381.7	49.5	431.2	54	7	3	3	9	27	1442.5	121.3	0,075 8
DEER	430-AL1/100-ST1A	429.6	100.2	529.8	30	7	4.27	4.27	12.8	29.9	1971.4	179	0,067 3
ZEBRA	429-AL1/56-ST1A	428.9	55.6	484.5	54	7	3.18	3.18	9.54	28.6	1620.8	131.92	0,067 4
ELK	477-AL1/111-ST1A	477.1	111.3	588.5	30	7	4.5	4.5	13.5	31.5	2189.5	198.8	0,060 6
CAMEL	476-AL1/62-ST1A	476	61.7	537.7	54	7	3.35	3.35	10.1	30.2	1798.8	146.4	0,060 8
MOOSE	528-AL1/69-ST1A	528.5	68.5	597	54	7	3.53	3.53	10.6	31.8	1997.3	159.92	0,054 7

Related Standard / İlgili Standart | UNE 21018(old code) EN 50182(new code)

Unit System: Metric
Değerler Metrik Birim Sistemindedir

Kod Code Word	Yeni Kod New Code	Kesit Section			Komposizyon N°xØmm Composition		Çap mm Overall Diameter		Kopma Mukavemeti kN Rated Stenght	Direnç Ω/km Electircal Resistance	Birim Ağırlığı Kg/Km Cable Weight
		Alüminyum Alum.	Çelik Steel	Toplam Total	Alüminyum Alum.	Çelik Steel					
LA-30	27-AL1/4-ST1A	26.7	4.45	31.1	6x2,38	1x2,38	2.38	7.14	9.74	1.0736	107.8
LA-56	47-AL1/8-ST1A	46.8	7.79	54.6	6x3,15	1x3,15	3.15	9.45	16,29	0.6129	188.8
LA-78	67-AL1/11-ST1A	67.3	11.2	78.6	6x3,78	1x3,78	3.78	11.34	23,12	0.4256	271.8
LA-110	94-AL1/22-ST1A	94.2	22.0	116.2	30x2,00	7x2,00	6.00	14.0	43,17	0.3067	432.5
LA-145	119-AL1/28-ST1A	119.3	27.8	147.1	30x2,25	7x2,25	6.75	15.75	54,03	0.2423	547.4
LA-180	147-AL1/34-ST1A	147.3	34.4	181.6	30x2,50	7x2,50	7.50	17.5	64.94	0.1963	675.8
LA-280 HAWK	242-AL1/39-ST1A	241.6	39.5	281.1	26x3,44	7x2,68	8.04	21.8	84,89	0.1195	976.2
LA-380 GULL	337-AL1/44-ST1A	337.3	43.7	381.0	54x2,82	7x2,82	8.46	25.4	107.18	0.0857	1274.6
LA-455 CONDOR	402-AL1/52-ST1A	402.3	52.2	454.5	54x3,08	7x3,08	9.24	27.7	123.75	0.0719	1520.5
LA-545 CARDINAL	485-AL1/63-ST1A	484.5	62.8	547.3	54x3,38	7x3,38	10.14	30.42	149.04	0.0597	1831.1
LA-635 FINCH	565-AL1/72-ST1A	565.0	71.6	636.6	54x3,65	19x2,19	10.95	32.85	174.14	0.0512	2123.0

Notes/*Notlar:*

- Direction of lay of external layer is right-hand (Z)

Related Standard / İlgili Standart | NF-C 34125(old code) EN 50182(new code)

Unit System: Metric
Değerler Metrik Birim Sistemindedir

Code	New Code	Crosssectinal Area			No of wires		Wire diameter		Diameter		Mass per unit length	Rated strength	DC resistance	Final modulus of elasticity	Cofficient of lineer expansion	Direction of lay of external layer
		Al	Steel	Total			Al	Steel	Core	Cond.						
		mm2	mm2	mm2	Al	Steel	mm	mm	mm	mm	kg/km	kN	Ω/km	N/mm2	1/K	
CANNA 37,7	28- AL1/9-ST1A	28.3	9.42	37.7	9	3	2.00	2.00	4.30	8.3	151.5	16.26	1,018 7	88000	1.71E-5	S
CANNA 59,7	38-AL1/22-ST1A	37.7	22.0	59.7	12	7	2.00	2.00	6.00	10.0	276.1	32.70	0,766 0	103500	1.54E-5	S
CANNA 75,5	48-AL1/28-ST1A	47.7	27.8	75.5	12	7	2.25	2.25	6.75	11.3	349.4	41.15	0,605 2	103500	1.54E-5	S
CANNA 93,3	59-AL1/34-ST1A	58.9	34.4	93.3	12	7	2.50	2.50	7.50	12.5	431.4	49.48	0,490 2	103500	1.54E-5	Z
CANNA 116,2	94-AL1/22-ST1A	94.2	22.0	116.2	30	7	2.00	2.00	6.00	14.0	432.5	43.17	0,306 7	75500	1.80E-5	S
CANNA 147,1	119-AL1/28-ST1A	119.3	27.8	147.1	30	7	2.25	2.25	6.75	15.8	547.4	54.03	0,242 3	75500	1.80E-5	S
CANNA 181,6	147-AL1/34-ST1A	147.3	34.4	181.6	30	7	2.50	2.50	7.50	17.5	675.8	64.94	0,196 3	75500	1.80E-5	S
CANNA 228	185-AL1/43-ST1A	184.7	43.1	227.8	30	7	2.80	2.80	8.40	19.6	847.7	80.54	0,156 5	75500	1.80E-5	S
CANNA 288	234-AL1/55-ST1A	233.8	54.6	288.3	30	7	3.15	3.15	9.45	22.1	1072.8	98.58	0,123 6	75500	1.80E-5	S

Kod Code Word	Kesit Section			Komposizyon N²xØmm Composition		Çap mm Overall Diam-eter		Tensile S. hbar. Steel	Kopma Mukavemeti N Rated Stenght	Direnç Ω/km Electircal Resistance	Birim Ağırlığı Kg/Km Cable Weight			Grease Weight g/m	
	Alüminyum Alum.	Çelik Steel	Toplam Total	Alüminyum Alum.	Çelik Steel	Çelik Öz Core	Toplam Total				Alüminyum Alum.	Çelik Steel	Toplam Total	Outside layer greased	Outside layer ungreased
CROCUS 297	221.67	75.54	297.21	36*2,80	19*2,25	11.25	156.8	156.8	14.72	0.131	594	624	1.218	35	20
CROCUS 412	325.72	85.95	411.67	32*3,60	19*2,40	12	156.8	156.8	17.33	0.090	676	917	1.593	50	25
CROCUS 612	507.83	104.7	611.76	66*3,13	19*2,65	13.25	156.8	156.8	23.15	0.057	824	1.417	2.241	70	40
CROCUS 865	717.33	148.06	865.39	66*3,72	19*3,15	15.75	156.8	156.8	31.9	0.041	1.164	2.01	3.174	100	55
				54*2,80											
CROCUS 1185	956.666	227.82	1184.48	+	37*2,80	19.6	44.7	156.8	48.05	0.030	1.796	2.682	4.478	140	100
				66*3,47											

Related Standard
İlgili Standart
GOST / ГОСТ 839-80

Unit System: Metric
Değerler Metrik Birim Sistemindedir

Uninsulated wires for aerail power lines. Specifications

Номиналь-	Алюминиевая часть провода		Стальной сердечник		Число повивов		Отношение сечения алюмини-
ное сечение, мм2	число прово-лок	номиналь-ный диаметр проволок, мм	число прово-лок	номиналь-ный диаметр проволок, мм	алюми- ниевых прово-лок	стальных проволок	евой частипровода к сечению стального сердечника
10/1,8	6	1.5	1	1.5	1	-	6
16/2,7	6	1.85	1	1.85	1	-	6
25/4,2	6	2.3	1	2.3	1	-	6
35/6,2	6	2.8	1	2.8	1	-	6
50/8,0	6	3.2	1	3.2	1	-	6
70/11	6	3.8	1	3.8	1	-	6
70/72	18	2.2	19	2.2	1	2	0.95
95/16	6	4.5	1	4.5	1	-	6
95/141	24	2.2	37	2.2	1	3	0.65
120/19	26	2.4	7	1.85	2	1	6.25
120/27	30	2.2	7	2.2	2	1	4.29
150/19	24	2.8	7	1.85	2	1	7.85
150/24	26	2.7	7	2.1	2	1	6.14
150/34	30	2.5	7	2.5	2	1	4.29
185/24	24	3.15	7	2.1	2	1	7.71
185/29	26	2.98	7	2.3	2	1	6.24
185/43	30	2.8	7	2.8	2	1	4.29
185/128	54	2.1	37	2.1	2	3	1.46
205/27	24	3.3	7	2.2	2	1	7.71
240/32	24	3.6	7	2.4	2	1	7.71
240/39	26	3.4	7	2.65	2	1	6.11
240/56	30	3.2	7	3.20	2	1	4.29
300/39	24	4	7	2.65	2	1	7.81
300/48	26	3.80	7	2.95	2	1	6.16
300/66	30	3.5	19	2.1	2	2	4.39
300/67	30	3.5	7	3.5	2	1	4.29
300/204	54	2.65	37	2.65	2	3	1.46
330/30	48	2.98	7	2.3	3	1	11.55
330/43	54	2.80	7	2.80	3	1	7.71
400/18	42	3.4	7	1.85	3	1	20.27
400/22	76	2.57	7	2	4	1	17.93
400/51	54	3.05	7	3.05	3	1	7.71
400/64	26	4.37	7	3.4	2	1	6.14

Related Standard
İlgili Standart

GOST / ГОСТ 839-80

Unit System: Metric
Değerler Metrik Birim Sistemindedir

Номиналь-	Алюминиевая часть провода		Стальной сердечник		Число повивов		Отношение сечения алюмини-
ное сечение, мм2	число прово-лок	номиналь-ный диаметр проволок, мм	число прово-лок	номиналь-ный диаметр проволок, мм	алюми- ниевых прово-лок	стальных проволок	евой частипровода к сечению стального сердечника
400/93	30	4.15	19	2.5	2	2	4.35
450/56	54	3.2	7	3.2	3	1	7.71
500/26	42	3.90	7	2.2	3	1	18.86
500/27	76	2.84	7	2.2	4	1	18.09
500/64	54	3.4	7	3.4	3	1	7.71
500/204	90	2.65	37	2.65	3	3	2.43
500/36	54	3.4	61	2.65	2	4	1.46
550/71	54	3.6	7	3.6	3	1	7.71
600/72	54	3.7	19	2.2	3	2	8.04

INDEX

HASÇELİK

All Aluminium Conductors (AAC)
Tam Alüminyum İletkenler (AAC)

Aluminium Conductors Steel Reinforced (ACSR)
Çelik Özlü Alüminyum İletkenler (ACSR)

All Aluminium Alloy Conductors (AAAC)
Tam Alışımlı Alüminyum İletkenler (AAAC)

0,6-1 kV Aluminium Cables
0,6-1 kV Alüminyum Kablo (APEK)

OPGW
Composite Fiber Optic Overhead Ground Wire
Fiber Optikli Koruma İletkeni

Aluminium Rod
Alüminyum Filmaşin

Related Standard
İlgili Standar TS IEC 61207 & 61209

Unit System: Metric&U,S, Units
Değerler Metrik ve Amerikan Birim Sistemindedir

Tam Alüminyum İletkenlerin Elastisite Modülü ve Lineer Genleşme Katsayıları IEC 207'a göre

Modulus of Elastictiy and Coefficients of Linear Expansion for Constructions of All Aluminium Conductors to IEC Publ. No. 207

Tel sayısı *Number of Wires*	Elastisite Modülü *Final Modulus of Elasticity*		Lineer Genleşme Katsayısı *Coefficint of Linear Expansion*	
Al	Kg/mm²	lb/ in²	1/C°	1/F°
7	6000	$8.5x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$
19	5700	$8.1x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$
37	5700	$8.1x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$
61	5500	$7.8x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$
91	5500	$7.8x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$

Çelik Özlü Alüminyum İletkenlerin Elastisite Modülü ve Lineer Genleşme Katsayıları IEC 209'a göre

Modulus of Elastictiy and Coefficients of Linear Expansion for Constructions of Aluminium Conductors Steel-Reinforced to IEC Publ. No. 209

Tel sayısı *Number of Wires*		Elastisite Modülü *Final Modulus of Elasticity*		Lineer Genleşme Katsayısı *Coefficint of Linear Expansion*	
Al	St	Kg/mm²	lb/ in²	1/C°	1/F°
6	1	8100	$11,5x10^6$	$19,1x10^{-6}$	$10,6x10^{-6}$
6	7	7700	$11,0x10^6$	$19,8x10^{-6}$	$11,0x10^{-6}$
12	7	10700	$15,2x10^6$	$15,3x10^{-6}$	$8,5x10^{-6}$
18	1	6700	$9,5x10^6$	$21,2x10^{-6}$	$11,8x10^{-6}$
24	7	7400	$10,5x10^6$	$19,6x10^{-6}$	$10,9x10^{-6}$
26	7	7700	$10,9x10^6$	$18,9x10^{-6}$	$10,5x10^{-6}$
28	7	7900	$11,2x10^6$	$18,4x10^{-6}$	$10,2x10^{-6}$
30	7	8200	$11,6x10^6$	$17,8x10^{-6}$	$9,9x10^{-6}$
30	19	8000	$11,4x10^6$	$18,0x10^{-6}$	$10,0x10^{-6}$
32	19	8200	$11,7x10^6$	$17,5x10^{-6}$	$9,7x10^{-6}$
54	7	7000	$9,9x10^6$	$19,3x10^{-6}$	$10,7x10^{-6}$
54	19	6800	$9,7x10^6$	$19,4x10^{-6}$	$10,8x10^{-6}$

Related Standard
İlgili Standar TS IEC 61207 & 61209

Unit System: Metric&U,S, Units
Değerler Metrik ve Amerikan Birim Sistemindedir

Tam Alüminyum İletkenlerin Elastisite Modülü ve Lineer Genleşme Katsayıları IEC 207'a göre

Modulus of Elastictiy and Coefficients of Linear Expansion for Constructions of All Aluminium Conductors to IEC Publ. No. 207

Tel sayısı *Number of Wires*	Elastisite Modülü *Final Modulus of Elasticity*		Lineer Genleşme Katsayısı *Coefficint of Linear Expansion*	
Al	Kg/mm²	lb/ in²	1/C°	1/F°
7	6000	$8.5x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$
19	5700	$8.1x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$
37	5700	$8.1x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$
61	5500	$7.8x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$
91	5500	$7.8x10^6$	$23.0x10^{-6}$	$12.8x10^{-6}$

Çelik Özlü Alüminyum İletkenlerin Elastisite Modülü ve Lineer Genleşme Katsayıları IEC 209'a göre

Modulus of Elastictiy and Coefficients of Linear Expansion for Constructions of Aluminium Conductors Steel-Reinforced to IEC Publ. No. 209

Tel sayısı *Number of Wires*		Elastisite Modülü *Final Modulus of Elasticity*		Lineer Genleşme Katsayısı *Coefficint of Linear Expansion*	
Al	St	Kg/mm²	lb/ in²	1/C°	1/F°
6	1	8100	$11,5x10^6$	$19,1x10^{-6}$	$10,6x10^{-6}$
6	7	7700	$11,0x10^6$	$19,8x10^{-6}$	$11,0x10^{-6}$
12	7	10700	$15,2x10^6$	$15,3x10^{-6}$	$8,5x10^{-6}$
18	1	6700	$9,5x10^6$	$21,2x10^{-6}$	$11,8x10^{-6}$
24	7	7400	$10,5x10^6$	$19,6x10^{-6}$	$10,9x10^{-6}$
26	7	7700	$10,9x10^6$	$18,9x10^{-6}$	$10,5x10^{-6}$
28	7	7900	$11,2x10^6$	$18,4x10^{-6}$	$10,2x10^{-6}$
30	7	8200	$11,6x10^6$	$17,8x10^{-6}$	$9,9x10^{-6}$
30	19	8000	$11,4x10^6$	$18,0x10^{-6}$	$10,0x10^{-6}$
32	19	8200	$11,7x10^6$	$17,5x10^{-6}$	$9,7x10^{-6}$
54	7	7000	$9,9x10^6$	$19,3x10^{-6}$	$10,7x10^{-6}$
54	19	6800	$9,7x10^6$	$19,4x10^{-6}$	$10,8x10^{-6}$