ACAR

Aluminum Conductor Alloy Reinforced

Detail Description or Construction

Conductor

This bare concentric-lay stranded conductor is made from round aluminum 1350-H19 (extra hard) wires and round aluminum-alloy 6201-T81 core wires for use as overhead electrical conductors.
These conductors are also manufactured as compact conductors if required.

Application

Applications on aerial circuit.

Standards / Testing Specifications

• ASTM specifications: B-230, B-398, B-524

Installation

ACAR cable can be installed in air. It is recommended that the installation instructions indicated by the Local Electric Code, or any equivalent, be followed, so that the safeguarding of persons and the integrity of the product will not be affected by deficiencies in the installation.

Standard Packaging

As provided by NEMA WC 26 and the Aluminum Association.

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Size	Section	Stranding Design		Stranding in		Diameter	Weight	Rated Strength	Maximum Resistance @ 20ºC
AWG or MCM	in^2	Al/EC	Alloy 6201	Al/EC	Alloy 6201	in	lbs/1000ft	lbs	Ω / 1000ft
30.58	0.0240	4	3	0.0661	0.0661	0.198	28.7	827	6.0308
4	0.0328	4	3	0.0772	0.0772	0.232	39.2	1,118	4.421
48.69	0.0382	4	3	0.0834	0.0834	0.250	45.7	1,296	3.788
2	0.0521	4	3	0.0974	0.0974	0.292	62.3	1,746	0.278
77.47	0.0608	4	3	0.105	0.105	0.316	72.6	2,006	0.238
1/0	0.0829	4	3	0.123	0.123	0.368	98.8	2,694	0.175
123.3	0.0968	4	3	0.133	0.133	0.398	115.6	3,142	0.150
2/0	0.105	4	3	0.138	0.138	0.414	125.0	3,309	0.139
155.4	0.122	4	3	0.149	0.149	0.447	145.8	3,825	0.119
3/0	0.132	4	3	0.155	0.155	0.465	157.3	4,098	0.110
195.7	0.154	4	3	0.167	0.167	0.502	183.5	4,793	0.0942
4/0	0.166	4	3	0.174	0.174	0.522	198.9	5,185	0.0871
246.9	0.194	4	3	0.176	0.176	0.563	231.9	6,038	0.0747
250	0.197	15	4	0.115	0.115	0.573	234.5	5,472	0.0714
250	0.197	12	7	0.115	0.115	0.573	234.5	6,186	0.0731
300	0.236	15	4	0.126	0.126	0.628	281.6	6,488	0.0595
300	0.236	12	7	0.126	0.126	0.628	281.6	7,363	0.0609

Size	Section	Stranding Design		Stranding in		Diameter	Weight	Rated Strength	Maximum Resistance @ 20ºC
AWG or MCM	in^2	Al/EC	Alloy 6201	Al/EC	Alloy 6201	in	lbs/1000ft	lbs	Ω / 1000ft
350	0.274	15	4	0.136	0.136	0.679	328.6	7,485	0.0511
350	0.274	12	7	0.136	0.136	0.679	328.6	8,428	0.0522
400	0.315	15	4	0.145	0.145	0.725	375.7	8,446	0.0447
400	0.315	12	7	0.145	0.145	0.725	375.7	9,546	0.0457
450	0.353	15	4	0.154	0.154	0.769	422.7	9,354	0.0397
450	0.353	12	7	0.154	0.154	0.769	422.7	10,611	0.0406
500	0.392	15	4	0.162	0.162	0.811	469.1	10,386	0.0357
500	0.392	12	7	0.162	0.162	0.811	469.1	11,781	0.0365
500	0.392	33	4	0.116	0.116	0.813	469.1	9,967	0.0352
500	0.392	30	7	0.116	0.116	0.813	469.1	10,783	0.0356
500	0.392	24	13	0.116	0.116	0.813	469.1	11,869	0.0365
500	0.392	18	19	0.116	0.116	0.813	469.1	13,205	0.0374
550	0.432	15	4	0.170	0.170	0.850	516.1	11,418	0.0325
550	0.432	12	7	0.170	0.170	0.850	516.1	12,954	0.0333
550	0.432	33	4	0.122	0.122	0.853	516.1	10,831	0.0320
550	0.432	30	7	0.122	0.122	0.853	516.1	11,744	0.0324
550	0.432	24	13	0.122	0.122	0.853	516.1	12,976	0.0332
550	0.432	18	19	0.122	0.122	0.853	516.1	14,480	0.0340

Size	Section	Stranding Design		Stranding in		Diameter	Weight	Rated Strength	Maximum Resistance @ 20ºC
AWG or MCM	in^2	Al/EC	Alloy 6201	Al/EC	Alloy 6201	in	lbs/1000ft	lbs	Ω / 1000ft
600	0.471	15	4	0.178	0.178	0.888	563.2	12,445	0.0298
600	0.471	12	7	0.178	0.178	0.888	563.2	14,118	0.0304
600	0.471	33	4	0.127	0.127	0.891	563.2	11,757	0.0294
600	0.471	30	7	0.127	0.127	0.891	563.2	12,749	0.0297
600	0.471	24	13	0.127	0.127	0.891	563.2	14,090	0.0304
600	0.471	18	19	0.127	0.127	0.891	563.2	15,721	0.0312
650	0.510	37	4	0.132	0.132	0.928	610.2	12,800	0.0271
650	0.510	30	7	0.132	0.132	0.928	610.2	13,880	0.0274
650	0.510	24	13	0.132	0.132	0.928	610.2	15,337	0.0281
650	0.510	18	19	0.132	0.132	0.928	610.2	17,112	0.0287
700	0.549	33	4	0.138	0.138	0.963	657.3	13,620	0.0252
700	0.549	30	7	0.138	0.138	0.963	657.3	14,696	0.0255
700	0.549	24	13	0.138	0.138	0.963	657.3	16,107	0.0261
700	0.549	18	19	0.138	0.138	0.963	657.3	17,855	0.0267
750	0.589	33	4	0.142	0.142	0.997	704.3	14,414	0.0235
750	0.589	30	7	0.142	0.142	0.997	704.3	15,589	0.0237
750	0.589	24	13	0.142	0.142	0.997	704.3	17,152	0.0243
750	0.589	18	19	0.142	0.142	0.997	704.3	19,072	0.0249

Size	Section	Stranding Design		Stranding in		Diameter	Weight	Rated Strength	Maximum Resistance @ 20ºC
AWG or MCM	in^2	Al/EC	Alloy 6201	Al/EC	Alloy 6201	in	lbs/1000ft	lbs	Ω / 1000ft
800	0.628	33	4	0.147	0.147	1.029	750.7	15,302	0.0220
800	0.628	30	7	0.147	0.147	1.029	750.7	16,550	0.0223
800	0.628	24	13	0.147	0.147	1.029	750.7	18,210	0.0228
800	0.628	18	19	0.147	0.147	1.029	750.7	20,249	0.0233
850	0.668	33	4	0.152	0.152	1.061	797.7	16,032	0.0207
850	0.668	30	7	0.152	0.152	1.061	797.7	17,381	0.0209
850	0.668	24	13	0.152	0.152	1.061	797.7	19,200	0.0214
850	0.668	18	19	0.152	0.152	1.061	797.7	21,418	0.0220
900	0.707	33	4	0.156	0.156	1.092	844.8	16,962	0.0195
900	0.707	30	7	0.156	0.156	1.092	844.8	18,388	0.0198
900	0.707	24	13	0.156	0.156	1.092	844.8	20,313	0.0202
900	0.707	18	19	0.156	0.156	1.092	844.8	22,650	0.0207
950	0.746	33	4	0.160	0.160	1.121	891.8	17,917	0.0185
950	0.746	30	7	0.160	0.160	1.121	891.8	19,425	0.0187
950	0.746	24	13	0.160	0.160	1.121	891.8	21,457	0.0192
950	0.746	18	19	0.160	0.160	1.121	891.8	23,935	0.0197

Size	Section	Stranding Design		Stranding in		Diameter	Weight	Rated Strength	Maximum Resistance @ 20ºC
AWG or MCM	in^2	Al/EC	Alloy 6201	Al/EC	Alloy 6201	in	lbs/1000ft	lbs	Ω / 1000ft
1000	0.786	33	4	0.164	0.164	1.151	936.8	18,898	0.0176
1000	0.786	30	7	0.164	0.164	1.151	936.2	20,489	0.0178
1000	0.786	24	13	0.164	0.164	1.151	936.2	22,632	0.0182
1000	0.786	18	19	0.164	0.164	1.151	934.8	25,247	0.0187
1000	0.786	54	7	0.128	0.128	1.152	936.2	19,731	0.0176
1000	0.786	48	13	0.128	0.128	1.152	936.2	21,129	0.0179
1000	0.786	42	19	0.128	0.128	1.152	934.8	22,917	0.0181
1000	0.786	33	28	0.128	0.128	1.152	934.8	24,804	0.0185
1100	0.863	33	4	0.172	0.172	1.207	1,030.9	20,750	0.0160
1100	0.863	30	7	0.172	0.172	1.207	1,030.9	22,496	0.0162
1100	0.863	24	13	0.172	0.172	1.207	1,030.9	24,850	0.0166
1100	0.863	18	19	0.172	0.172	1.207	1,030.9	27,720	0.0170
1100	0.863	54	7	0.134	0.134	1.209	1,030.9	21,545	0.0160
1100	0.863	48	13	0.134	0.134	1.209	1,030.9	22,937	0.0162
1100	0.863	42	19	0.134	0.134	1.209	1,030.9	24,753	0.0165
1100	0.863	33	28	0.134	0.134	1.209	1,030.9	26,623	0.0168
1200	0.942	33	4	0.180	0.180	1.261	1,124.3	22,690	0.0147
1200	0.942	30	7	0.180	0.180	1.261	1,124.3	24,597	0.0148
1200	0.942	24	13	0.180	0.180	1.261	1,124.3	27,172	0.0152
1200	0.942	18	19	0.180	0.180	1.261	1,124.3	30,309	0.0157

Size	Section	Stranding Design		Stranding in		Diameter	Weight	Rated Strength	Maximum Resistance @ 20ºC
AWG or MCM	in^2	Al/EC	Alloy 6201	Al/EC	Alloy 6201	in	lbs/1000ft	lbs	Ω / 1000ft
1200	0.942	54	7	0.140	0.140	1.263	1,124.3	23,104	0.0147
1200	0.942	48	13	0.140	0.140	1.263	1,124.3	24,658	0.0149
1200	0.942	42	19	0.140	0.140	1.263	1,124.3	26,678	0.0151
1200	0.942	33	28	0.140	0.140	1.263	1,124.3	28,530	0.0154
1250	0.981	33	4	0.184	0.184	1.287	1,170.0	23,589	0.0141
1250	0.981	30	7	0.184	0.184	1.287	1,170.0	25,573	0.0142
1250	0.981	24	13	0.184	0.184	1.287	1,170.0	28,250	0.0146
1250	0.981	18	19	0.184	0.184	1.287	1,170.0	31,512	0.0149
1250	0.981	54	7	0.143	0.143	1.288	1,170.0	24,153	0.0141
1250	0.981	48	13	0.143	0.143	1.288	1,170.0	25,780	0.0143
1250	0.981	42	19	0.143	0.143	1.288	1,170.0	27,888	0.0145
1250	0.981	33	28	0.143	0.143	1.288	1,170.0	29,826	0.0148
1300	1.021	33	4	0.187	0.187	1.312	1,217.7	24,506	0.0135
1300	1.021	30	7	0.187	0.187	1.312	1,217.7	26,570	0.0137
1300	1.021	24	13	0.187	0.187	1.312	1,217.7	29,347	0.0140
1300	1.021	18	19	0.187	0.187	1.312	1,217.7	32,740	0.0144
1300	1.021	54	7	0.146	0.146	1.314	1,217.7	25,090	0.0135
1300	1.021	48	13	0.146	0.146	1.314	1,217.7	26,781	0.0137
1300	1.021	42	19	0.146	0.146	1.314	1,217.7	28,973	0.0139
1300	1.021	33	28	0.146	0.146	1.314	1,217.7	30,985	0.0142

Size	Section	Stranding Design		Stranding in		Diameter	Weight	Rated Strength	Maximum Resistance @ 20ºC
AWG or MCM	in^2	Al/EC	Alloy 6201	Al/EC	Alloy 6201	in	lbs/1000ft	lbs	Ω / 1000ft
1400	1.099	54	7	0.151	0.151	1.364	1,311.8	26,578	0.0126
1400	1.099	48	13	0.151	0.151	1.364	1,311.8	28,450	0.0128
1400	1.099	42	19	0.151	0.151	1.364	1,311.8	30,849	0.0130
1400	1.099	33	28	0.151	0.151	1.364	1,311.8	33,097	0.0132
1500	1.178	54	7	0.157	0.157	1.411	1,407.9	28,404	0.0117
1500	1.178	48	13	0.157	0.157	1.411	1,407.9	30,403	0.0119
1500	1.178	42	19	0.157	0.157	1.411	1,407.9	32,967	0.0121
1500	1.178	33	28	0.157	0.157	1.411	1,407.9	35,370	0.0123
1600	1.257	54	7	0.162	0.162	1.458	1,499.3	28,851	0.0110
1600	1.257	48	13	0.162	0.162	1.458	1,499.3	32,579	0.0112
1600	1.257	42	19	0.162	0.162	1.458	1,499.3	35,328	0.0113
1600	1.257	33	28	0.162	0.162	1.458	1,499.3	38,230	0.0116
1700	1.335	54	7	0.167	0.167	1.502	1,590.7	32,238	0.0104
1700	1.335	48	13	0.167	0.167	1.502	1,590.7	34,306	0.0105
1700	1.335	42	19	0.167	0.167	1.502	1,590.7	37,416	0.0107
1700	1.335	33	28	0.167	0.167	1.502	1,590.7	40,489	0.0109

Size	Section	Stranding Design		Stranding in		Diameter	Weight	Rated Strength	Maximum Resistance @ 20ºC
AWG or MCM	in^2	Al/EC	Alloy 6201	Al/EC	Alloy 6201	in	lbs/1000ft	lbs	Ω / 1000ft
1750	1.375	54	7	0.169	0.169	1.525	1,639.1	33,155	0.0101
1750	1.375	48	13	0.169	0.169	1.525	1,639.1	35,489	0.0102
1750	1.375	42	19	0.169	0.169	1.525	1,639.1	38,481	0.0104
1750	1.375	33	28	0.169	0.169	1.525	1,639.1	41,642	0.0106
1800	1.414	54	7	0.172	0.172	1.546	1,690.2	34,087	0.0098
1800	1.414	48	13	0.172	0.172	1.546	1,690.2	36,486	0.0099
1800	1.414	42	19	0.172	0.172	1.546	1,690.2	39,563	0.0101
1800	1.414	33	28	0.172	0.172	1.546	1,690.2	42,813	0.0103
1900	1.493	54	7	0.176	0.176	1.589	1,780.2	35,990	0.0093
1900	1.493	48	13	0.176	0.176	1.589	1,780.2	38,521	0.0094
1900	1.493	42	19	0.176	0.176	1.589	1,780.2	41,770	0.0095
1900	1.493	33	28	0.176	0.176	1.589	1,780.2	45,203	0.0098
2000	1.570	54	7	0.181	0.181	1.630	1,875.0	37,943	0.0088
2000	1.570	48	13	0.181	0.181	1.630	1,875.0	40,613	0.0089
2000	1.570	42	19	0.181	0.181	1.630	1,875.0	44,039	0.0091
2000	1.570	33	28	0.181	0.181	1.630	1,875.0	47,657	0.0093
2000	1.570	72	19	0.148	0.148	1.630	1,875.0	40,913	0.0089
2000	1.570	63	28	0.148	0.148	1.630	1,875.0	43,336	0.0091
2000	1.570	54	37	0.148	0.148	1.630	1,875.0	46,497	0.0092

Size	Section	Stranding		Diameter	Weight	Rated Strength	Maximun Resistance @ 20ºC
AWG ó MCM	mm^2	Aluminum / EC	Alloy 6201	mm	kg / km	kg	Ω / km
30,58	15.50	4x1.68	3x1.68	5.04	42.7	375	1.9786
4	21.15	4x1.96	3x1.96	5.88	58.3	507	1.4506
48,69	24.67	4x2.12	3x2.12	6.36	68.0	588	1.2428
2	33.62	4x2.47	3x2.47	7.42	92.7	792	0.9112
77,47	39.25	4x2.67	3x2.67	8.02	108	910	0.7810
1/0	53.51	4x3.12	3x3.12	9.36	147	1,222	0.5732
123,3	62.48	4x3.37	3x3.37	10.11	172	1,425	0.4909
2/0	67.44	4x3.50	3x3.50	10.51	186	1,501	0.4545
155,4	78.74	4x3.78	3x3.78	11.35	217	1,735	0.3893
3/0	85.02	4x3.93	3x3.93	11.80	234	1,859	0.3607
195,7	99.16	4x4.25	3x4.25	12.74	273	2,174	0.3092
4/0	107	4x4.42	3x4.42	13.25	296	2,352	0.2858
246,9	125	4x4.77	3x4.77	14.31	345	2,739	0.2451
250	127	15x2.91	4x2.91	14.57	349	2,482	0.2344
250	127	12x2.91	7x2.91	14.57	349	2,806	0.2399
300	152	15x3.19	4x3.19	15.96	419	2,943	0.1952
300	152	12x3.19	7x3.19	15.96	419	3,340	0.1997

Size	Section	Stranding		Diameter	Weight	Rated Strength	Maximun Resistance @ 20ºC
AWG ó MCM	mm^2	Aluminum / EC	Alloy 6201	mm	kg / km	kg	Ω / km
350	177	15x3.45	4x3.45	17.23	489	3,395	0.1675
350	177	12x3.45	7x3.45	17.23	489	3,823	0.1714
400	203	15x3.69	4x3.69	18.43	559	3,831	0.1465
400	203	12x3.69	7x3.69	18.43	559	4,330	0.1499
450	228	15x3.91	4x3.91	19.55	629	4,243	0.1302
450	228	12x3.91	7x3.91	19.55	629	4,813	0.1332
500	253	15x4.12	4x4.12	20.60	698	4,711	0.1172
500	253	12x4.12	7x4.12	20.60	698	5,344	0.1199
500	253	33x2.95	4x2.95	20.66	698	4,521	0.1156
500	253	30x2.95	7x2.95	20.66	698	4,891	0.1169
500	253	24x2.12	13x2.12	20.66	698	5,384	0.1197
500	253	18x2.95	19x2.95	20.66	698	5,990	0.1226
550	279	15x4.32	4x4.32	21.60	768	5,179	0.1066
550	279	12x4.32	7x4.32	21.60	768	5,876	0.1091
550	279	33x3.10	4x3.10	21.67	768	4,913	0.1051
550	279	30x3.10	7x3.10	21.67	768	5,327	0.1063
550	279	24x3.10	13x3.10	21.67	768	5,886	0.1088
550	279	18x3.10	19x3.10	21.67	768	6,568	0.1114

Size	Section	Stranding		Diameter	Weight	Rated Strength	Maximun Resistance @ 20ºC
AWG ó MCM	mm^2	Aluminum / EC	Alloy 6201	mm	kg / km	kg	Ω / km
600	304	15x4.51	4x4.51	22.57	838	5,645	0.0977
600	304	12x4.51	7x4.51	22.57	838	6,404	0.0999
600	304	33x3.23	4x3.23	22.63	838	5,333	0.0963
600	304	30x3.23	7x3.23	22.63	838	5,783	0.0974
600	304	24x3.23	13x3.23	22.63	838	6,391	0.0997
600	304	18x3.23	19x3.23	22.63	838	7,131	0.1022
650	329	37x3.37	4x3.37	23.56	908	5,806	0.0889
650	329	30x3.37	7x3.37	23.56	908	6,296	0.0899
650	329	24x3.37	13x3.37	23.56	908	6,957	0.0921
650	329	18x3.37	19x3.37	23.56	908	7,762	0.0943
700	354	33x3.49	4x3.49	24.45	978	6,178	0.0826
700	354	30x3.49	7x3.49	24.45	978	6,666	0.0835
700	354	24x3.49	13x3.49	24.45	978	7,306	0.0855
700	354	18x3.49	19x3.49	24.45	978	8,099	0.0876
750	380	33x3.62	4x3.62	25.32	1,048	6,538	0.0770
750	380	30x3.62	7x3.62	25.32	1,048	7,071	0.0779
750	380	24x3.62	13x3.62	25.32	1,048	7,780	0.0797
750	380	18x3.62	19x3.62	25.32	1,048	8,651	0.0817

Size	Section	Stranding		Diameter	Weight	Rated Strength	Maximun Resistance @ 20ºC
AWG ó MCM	mm^2	Aluminum / EC	Alloy 6201	mm	Kg / Km	Kg	Ω / Km
800	405	33x3.73	4x3.73	26.14	1,117	6,941	0.0722
800	405	30x3.73	7x3.73	26.14	1,117	7,507	0.0731
800	405	24x3.73	13x3.73	26.14	1,117	8,260	0.0748
800	405	18x3.73	19x3.73	26.14	1,117	9,185	0.0766
850	431	33x3.85	4x3.85	26.95	1,187	7,272	0.0679
850	431	30x3.85	7x3.85	26.95	1,187	7,884	0.0687
850	431	24x3.85	13x3.85	26.95	1,187	8,709	0.0703
850	431	18x3.85	19x3.85	26.95	1,187	9,715	0.0721
900	456	33x3.96	4x3.96	27.74	1,257	7,694	0.0641
900	456	30x3.96	7x3.96	27.74	1,257	8,341	0.0649
900	456	24x3.96	13x3.96	27.74	1,257	9,214	0.0664
900	456	18x3.96	19x3.96	27.74	1,257	10,274	0.0680
950	481	33x4.07	4x4.07	28.48	1,327	8,127	0.0608
950	481	30x4.07	7x4.07	28.48	1,327	8,811	0.0615
950	481	24x4.07	13x4.07	28.48	1,327	9,733	0.0630
950	481	18x4.07	19x4.07	28.48	1,327	10,857	0.0645

Size	Section	Stranding		Diameter	Weight	Rated Strength	Maximun Resistance @ 20ºC
AWG ó MCM	mm^2	Aluminum / EC	Alloy 6201	mm	kg / km	kg	Ω / km
1000	507	33x4.18	4x4.18	29.23	1,394	8,572	0.0578
1000	507	30x4.18	7x4.18	29.23	1,393	9,294	0.0584
1000	507	24x4.18	13x4.18	29.23	1,393	10,266	0.0598
1000	507	18x4.18	19x4.18	29.23	1,391	11,452	0.0613
1000	507	54x3.25	7x3.25	29.26	1,393	8,950	0.0578
1000	507	48x3.25	13x3.25	29.26	1,393	9,584	0.0586
1000	507	42x3.25	19x3.25	29.26	1,391	10,395	0.0595
1000	507	33x3.25	28x3.25	29.26	1,391	11,251	0.0608
1100	557	24x4.38	13x4.38	30.65	1,534	11,272	0.0544
1100	557	18x4.38	19x4.38	30.65	1,534	12,574	0.0557
1100	557	54x3.41	7x3.41	30.70	1,534	9,773	0.0525
1100	557	48x3.41	13x3.41	30.70	1,534	10,404	0.0533
1100	557	42x3.41	19x3.41	30.70	1,534	11,228	0.0541
1100	557	33x3.41	28x3.41	30.70	1,534	12,076	0.0552
1200	608	33x4.58	4x4.58	32.02	1,673	10,292	0.0481
1200	608	30x4.58	7x4.58	32.02	1,673	11,157	0.0487
1200	608	24x4.58	13x4.58	32.02	1,673	12,325	0.0498
1200	608	18x4.58	19x4.58	32.02	1,673	13,748	0.0514
1200	608	54x3.56	7x3.56	32.07	1,673	10,480	0.0482
1200	608	48x3.56	13x3.56	32.07	1,673	11,185	0.0488
1200	608	42x3.56	19x3.56	32.07	1,673	12,101	0.0495
1200	608	33x3.56	28x3.56	32.07	1,673	12,941	0.0506

Size	Section	Stranding		Diameter	Weight	Rated Strength	Maximun Resistance @ 20ºC
AWG ó MCM	mm^2	Aluminum / EC	Alloy 6201	mm	kg / km	kg	Ω / km
1250	633	33x4.67	4x4.67	32.70	1,741	10,700	0.0462
1250	633	30x4.67	7x4.67	32.70	1,741	11,600	0.0467
1250	633	24x4.67	13x4.67	32.07	1,741	12,814	0.0479
1250	633	18x4.67	19x4.67	32.07	1,741	14,294	0.0490
1250	633	54x3.64	7x3.64	32.72	1,741	10,956	0.0463
1250	633	48x3.64	13x3.64	32.72	1,741	11,694	0.0469
1250	633	42x3.64	19x3.64	32.72	1,741	12,650	0.0476
1250	633	33x3.64	28x3.64	32.72	1,741	13,529	0.0486
1300	659	33x4.76	4x4.76	33.32	1,812	11,116	0.0444
1300	659	30x4.76	7x4.76	33.32	1,812	12,052	0.0450
1300	659	24x4.76	13x4.76	33.32	1,812	13,312	0.0460
1300	659	18x4.76	19x4.76	33.32	1,812	14,851	0.0472
1300	659	54x3.71	7x3.71	33.38	1,812	11,381	0.0444
1300	659	48x3.71	13x3.71	33.38	1,812	12,148	0.0451
1300	659	42x3.71	19x3.71	33.38	1,812	13,142	0.0457
1300	659	33x3.71	28x3.71	33.38	1,812	14,055	0.0467

Size	Section	Stranding		Diameter	Weight	Rated Strength	Maximun Resistance @ 20ºC
AWG ó MCM	mm^2	Aluminum / EC	Alloy 6201	mm	kg / km	kg	Ω / km
1400	709	54x3.85	7x3.85	34.63	1,952	12,056	0.0413
1400	709	48x3.85	13x3.85	34.63	1,952	12,905	0.0419
1400	709	42x3.85	19x3.85	34.63	1,952	13,993	0.0425
1400	709	33x3.85	28x3.85	34.63	1,952	15,013	0.0434
1500	760	54x3.98	7x3.98	35.85	2,090	12,884	0.0385
1500	760	48x3.98	13x3.98	35.85	2,090	13,791	0.0391
1500	760	42x3.98	19x3.98	35.85	2,090	14,954	0.0397
1500	760	33x3.98	28x3.98	35.85	2,090	16,044	0.0405
1600	811	54x4.12	7x4.12	37.04	2,231	13,087	0.0361
1600	811	48x4.12	13x4.12	37.04	2,231	14,778	0.0366
1600	811	42x4.12	19x4.12	37.04	2,231	16,025	0.0371
1600	811	33x4.12	28x4.12	37.04	2,231	17,341	0.0380
1700	861	54x4.24	7x4.24	38.15	2,367	14,623	0.0340
1700	861	48x4.24	13x4.24	38.15	2,367	15,561	0.0345
1700	861	42x4.24	19x4.24	38.15	2,367	16,972	0.0350
1700	861	33x4.24	28x4.24	38.15	2,367	18,366	0.0358

Size	Section	Stranding		Diameter	Weight	Rated Strength	Maximun Resistance @ 20ºC
AWG ó MCM	mm^2	Aluminum / EC	Alloy 6201	mm	kg / km	kg	Ω / km
1750	887	54x4.30	7x4.30	38.73	2,439	15,039	0.0330
1750	887	48x4.30	13x4.30	38.73	2,439	16,098	0.0335
1750	887	42x4.30	19x4.30	38.73	2,439	17,455	0.0340
1750	887	33x4.30	28x4.30	38.73	2,439	18,889	0.0347
1800	912	54x4.36	7x4.36	39.28	2,510	15,462	0.0321
1800	912	48x4.36	13x4.36	39.28	2,510	16,550	0.0326
1800	912	42x4.36	19x4.36	39.28	2,510	17,946	0.0330
1800	912	33x4.36	28x4.36	39.28	2,510	19,420	0.0338
1900	963	54x4.48	7x4.48	40.35	2,649	16,325	0.0304
1900	963	48x4.48	13x4.48	40.35	2,649	17,473	0.0309
1900	963	42x4.48	19x4.48	40.35	2,649	18,947	0.0313
1900	963	33x4.48	28x4.48	40.35	2,649	20,504	0.0320
2000	1013	54x4.60	7x4.60	41.40	2,790	17,211	0.0289
2000	1013	48x4.60	13x4.60	41.40	2,790	18,422	0.0293
2000	1013	42x4.60	19x4.60	41.40	2,790	19,976	0.0297
2000	1013	33x4.60	28x4.60	41.40	2,790	21,617	0.0304
2000	1013	72x3.76	19x3.76	41.40	2,790	18,558	0.0293
2000	1013	63x3.76	28x3.76	41.40	2,790	19,657	0.0298
2000	1013	54x3.76	37x3.76	41.40	2,790	21,091	0.0302