

全鋁電纜規格(AAC)

AAC-ALL ALUMINUM STRANDED CONDUCTORS-BARE

基本規格如下:

BS 215 Part 1

代字 Code Name	導體截面積 Cross Sectional Area			組成 Number and Diameter of Wires	完成外徑 Approx. Overall Diameter	最大直流電阻 Max. D.C. Resistance at 20°C	最小拉 斷力 Breakin g Load	概算重量 Approx. Weight	包裝 Standard Package		
	公稱 Nominal	計算值 Calculated	等效銅線 截面積 Nominal Equivalent Copper Area						標準長度 Length	標準重量 Nominal Weight	木軸尺寸 Reel Size
	mm ²	mm ²	mm ²	No./mm	mm	Ω/km	kg	kg/km	m	kg	in.-in
Midge	22	23.33	14	7/2.06	6.18	1.227	407	63.88	6,900	441	40-20
Ant	50	52.83	32	7/3.10	9.30	0.5419	845	144.7	3,050	441	40-20
Fly	60	63.55	38	7/3.40	10.20	0.4505	1,010	174.0	2,500	435	40-20
Wasp	100	106.0	65	7/4.39	13.17	0.2702	1,633	290.1	1,500	435	40-20
Hornet	150	157.6	96	19/3.25	16.25	0.1825	2,520	433.7	3,850	1,670	60-32
Chafer	200	213.2	128	19/3.78	18.90	0.1349	3,306	586.6	2,850	1,672	60-32
Cockroach	250	265.7	160	19/4.22	21.10	0.1083	4,120	731.2	2,300	1,682	60-32
Butterfly	300	322.7	193	19/4.65	23.25	0.0892	4,972	887.8	1,850	1,642	60-32
Centipede	400	415.2	258	37/3.78	26.46	0.0694	6,438	1,145	1,450	1,660	60-32

JIS C 3109

導體截面積 Cross Sectional Area			組成 Number and Diameter of Wires	完成外徑 Approx. Overall Diameter	最大直流電阻 Max. D.C. Resistance at 20°C	最小拉斷力 Breaking Load	概算重量 Approx. Weigh	包裝 Standard Package		
公稱 Nominal	計算值 Calculated	等效銅線 截面積 Nominal Equivalent Copper Area						標準長度 Length	標準產量 Nominal Weight	標準尺寸 Reel Size
mm ²	mm ²	mm ²	No./mm	mm	Ω/km	kg	kg/km	m	kg	in.-in
30	29.08	18	7/2.3	6.9	0.984	469	79.47	5,550	441	40-20
38	37.17	23	7/2.6	7.8	0.770	575	101.5	4,350	442	40-20
55	56.30	35	7/3.2	9.6	0.508	836	153.8	2,850	438	40-20
95	96.98	60	7/4.2	12.6	0.295	1414	265.0	1,650	437	40-20
150	152.8	96	19/3.2	16.0	0.188	2,269	418.8	3,950	1,654	60-32
200	204.3	128	19/3.7	18.5	0.140	3,034	559.9	2,950	1,652	60-32
240	238.8	150	19/4.0	20.0	0.120	3,481	654.3	2,550	1,669	60-32
300	297.6	187	37/3.2	22.4	0.0970	4,419	820.3	2,000	1,641	60-32
400	397.8	250	37/3.7	25.9	0.0725	5,908	1,097	1,500	1,645	60-32
510	512.6	322	37/4.2	29.4	0.0563	7,474	1,413	1,900	2,685	68-38
660	655.9	412	61/3.7	33.3	0.0441	9,740	1,812	1,800	3,261	76-38
850	845.1	531	61/4.2	37.8	0.0342	12,322	2,334	1,400	3,268	76-38
980	978.4	615	91/3.7	40.7	0.0297	14,530	2,716	1,200	3,259	76-38
1,260	1,261	792	91/4.2	46.2	0.0230	18,382	3,499	900	3,149	76-38

代字 Code Name	導體截面積 Cross Sectional Area			組成 Number and Diameter of Wires	外徑 外徑 Approx. Overall Diameter	最大直 流電阻 Max. D.C. Resistance at 20°C	最小 拉斷力 Breakin g Load	概算 重量 Approx. Weigh	包裝 Standard Package		
	公稱	計算值	等效銅線 截面積 Nominal Equivalent Copper Area						標準長度 Length	標準重量 Nominal Weight	木軸尺寸 Reel Size
	Nominal	Calculated	AWG,MCM								
AWG,MCM	mm ²	AWG,MCM	No./mm	mm	Ω/km	kg	kg/km	m	kg	in.-in	
Peachbell	6	13.28	8	7/1.554	4.66	2.171	255	36.6	12,160	445	40-20
Rose	4	21.14	6	7/1.961	5.88	1.364	400	58.3	7,630	445	40-20
Lily	3	26.66	5	7/2.202	6.61	1.082	495	73.6	6,050	445	40-20
Iris	2	33.65	4	7/2.474	7.42	0.8568	613	92.8	4,800	446	40-20
Pansy	1	42.37	3	7/2.776	8.33	0.6805	743	116.9	3,810	445	40-20
Poppy	1/0	53.48	2	7/3.119	9.36	0.5391	902	147.6	3,000	443	40-20
Aster	2/0	67.46	1	7/3.503	10.51	0.4273	1,138	186.1	2,350	437	40-20
Phlox	3/0	85.00	1/0	7/3.932	11.80	0.3392	1,377	234.5	1,900	446	40-20
Oxlip	4/0	107.3	2/0	7/4.417	13.25	0.2688	1,738	295.9	1,500	444	40-20
Daisy	266.8	135.2	3/0	7/4.961	14.88	0.2131	2,192	373.3	1,150	429	40-20
Laurel	266.8	135.2	3/0	19/3.010	15.05	0.2132	2,254	373.0	4,500	1,679	60-32
Peony	300.0	152.1	188.8	19/3.193	15.97	0.1895	2,487	419.8	4,000	1,679	60-32
Tulip	336.4	170.6	4/0	19/3.381	16.91	0.1690	2,788	470.7	3,550	1,671	60-32
Canna	397.5	201.5	250	19/3.675	18.38	0.1431	3,228	556.1	3,000	1,668	60-32
Cosmos	477.0	241.5	300	19/4.023	20.12	0.1194	3,790	666.4	2,500	1,666	60-32
Syringa	477.0	241.5	300	37/2.883	20.18	0.1194	3,941	666.4	2,500	1,666	60-32
Dahlia	556.5	281.9	350	19/4.346	21.73	0.1023	4,423	777.7	2,150	1,672	60-32
Mistletoe	556.5	281.8	350	37/3.114	21.80	0.1023	4,507	777.5	2,150	1,672	60-32
Orchid	636.0	322.2	400	37/3.330	23.31	0.08947	5,154	889.1	1,850	1,645	60-32
Violet	715.5	362.7	450	37/3.533	24.73	0.07948	5,802	1,000.8	1,650	1,651	60-32
Nasturtium	715.5	362.6	450	61/2.751	24.76	0.07951	5,965	1,000.4	1,950	1,951	64-32
Arbutus	795.5	403	500	37/3.274	26.07	0.07154	6,320	1,111.9	1,900	2,113	66-28
Lilac	795.0	403.2	500	61/2.901	26.11	0.07150	6,506	1,112.5	1,750	1,947	64-32
Magnolia	954.0	483.5	600	37/4.079	28.55	0.05963	7,424	1,334	2,000	2,668	68-38
Goldenrod	954.0	483.9	600	61/3.178	28.60	0.05958	7,654	1,335.0	2,000	2,670	68-38
Bluebell	1,033.5	524.2	650	37/4.247	29.73	0.05500	8,049	1,446.2	1,850	2,675	68-38
Larkspur	1,033.5	523.9	650	61/3.307	29.76	0.05503	8,288	1,445.6	1,850	2,674	68-38
Marigold	1,113.0	564.3	700	61/3.432	30.89	0.05109	8,927	1,557.0	2,100	3,270	76-38
Narcissus	1,272.0	644.6	800	61/3.668	33.01	0.04473	9,993	1,778.5	1,800	3,201	76-38
Carnation	1,431.0	725.3	900	61/3.891	35.02	0.03975	11,015	2,001.3	1,600	3,202	76-38
Coreopsis	1,590.0	806.1	1,000	61/4.102	36.92	0.03576	12,243	2,224.2	1,450	3,225	76-38