



CONSTRUCTION	
Conductor	Hard drawn aluminium wire, stranded

APPLICATION
AAC are used primary for overhead transmission and primary and secondary distribution.

REFERENCE
BS 215-1 BS EN 60182 Table F.39

CTW-AAC		SIZE	Conductor		Nominal Overall Diameter of Conductors	Weight	Maximum Conductor Resistance at 20°C	Tensile Strength of Cable	Standard Packing
PRODUCT CODE	Code Name		sq.mm.	Number					
			No	mm	mm	kg/km	Ω/km	kN	m/R
A20100022	Midge	23	7	2.06	6.18	63.8	1.2249	4.20	4,000
A20100027	Gnat	27	7	2.21	6.63	73.4	1.0643	4.83	4,000
A20100037	Mosquito	37	7	2.59	7.77	100.8	0.7749	6.27	4,000
A20100043	Ladybird	43	7	2.79	8.37	117.0	0.6678	7.28	4,000
A20100050	Ant	53	7	3.10	9.30	144.4	0.5409	8.72	4,000
A20100060	Fly	64	7	3.40	10.20	173.7	0.4497	10.49	4,000
A20100074	Bluebottle	74	7	3.66	11.00	201.3	0.3880	11.78	4,000
A20100079	Earwig	79	7	3.78	11.30	214.7	0.3638	12.57	4,000
A20100084	Grasshopper	84	7	3.91	11.70	229.7	0.3400	3.45	4,000
A20100096	Clegg	96	7	4.17	12.50	261.3	0.2989	15.30	4,000
A20100100	Wasp	106	7	4.39	13.20	289.6	0.2697	16.95	4,000
A20100106	Beetle	106	19	2.67	13.40	292.4	0.2701	18.08	4,000
A20100132	Bee	132	7	4.90	14.70	360.8	0.2165	21.12	4,000
A20100150	Hornet	158	19	3.25	16.30	433.2	0.1823	26.01	4,000
A20100186	Caterpillar	186	19	3.53	17.70	511.1	0.1546	29.75	4,000
A20100200	Chafer	213	19	3.78	18.90	586.0	0.1348	34.12	4,000
A20100238	Spider	238	19	3.99	20.00	652.9	0.1210	38.01	3,000



CTW-AAC		SIZE	Conductor		Nominal Overall Diameter of Conductors	Weight	Maximum Conductor Resistance at 20°C	Tensile Strength of Cable	Standard Packing
			Number	Diameter					
PRODUCT CODE	Code Name	sq.mm.	No	mm	mm	kg/km	Ω/km	kN	m/R
A20100250	Cockroach	266	19	4.22	21.1	730.4	0.1081	42.52	3,000
A20100300	Butterfly	323	19	4.65	23.3	886.8	0.0891	51.63	3,000
A20100373	Moth	373	19	5.00	25.0	1,025.3	0.0770	59.69	2,000
A20100415	Drone	372	37	3.58	25.1	1,027.1	0.0774	59.59	2,000
A20100400	Centipede	415	37	3.78	26.5	1,145.1	0.0695	66.43	2,000
A20100486	Maybug	486	37	4.09	28.6	1,340.6	0.0593	77.78	2,000
A20100530	Scorpion	530	37	4.27	29.9	1,461.2	0.0544	84.77	2,000
A20100628	Cicada	628	37	4.65	32.6	1,732.9	0.0459	100.54	1,000

R = Packing in reel