

## All Aluminium Conductors (AAC)

CONDUCTOR CODE NAME	CONDUCTOR			EQUIVALENT ELECTRICAL AREAS		CALCULATED MIN BREAKING LOAD kN
	CROSS SECTIONAL AREA (mm <sup>2</sup> )	No OF STRANDS/ WIRE DIA	NOMINAL OVERALL DIA(mm)	ALUMINIUM (mm <sup>2</sup> )	COPPER (mm <sup>2</sup> )	
Namu	24.4	7/2.11	6.3	24.4	14.9	4.0
Gnat	26.8	7/2.21	6.6	26.8	16.1	4.6
Poko	30.7	7/2.36	7.1	30.7	18.7	5.1
Ladybird	42.8	7/2.79	8.4	42.8	25.8	6.9
Kutu	49.4	7/3.00	9.0	49.4	30.1	7.9
Rango	73.5	7/3.66	11.0	73.5	44.9	11.3
Grasshopper	84.1	7/3.91	11.7	84.1	51.6	12.8
Wasp	106.0	7/4.39	13.2	106	64.5	16.0
Beetle	108.6	19/2.67	13.4	108.6	64.5	17.4
Weke	122.4	7/4.72	14.2	122.4	75.0	18.5
Cricket	157.9	7/3.56	16.1	157.9	96.8	23.9
Weka	167.7	19/3.35	16.8	167.7	100.0	26.2
Chafer	213.2	19/3.78	18.9	213.20	129.00	32.4
Mata	222.4	19/3.86	19.3	222.40	140.00	33.8
Cockroach	265.7	19/4.22	21.1	265.70	161.00	40.0
Butterfly	322.7	19/4.65	23.3	322.70	194.00	49.0
Centipede	415.2	37/3.78	26.5	415.20	251.00	63.0
Maybug	486.9	37/4.09	28.6	486.90	290.00	74.0
Cicada	628.6	37/4.65	32.6	628.60	387.00	95.0