



## ALL ALUMINIUM ALLOY CONDUCTORS (AAAC) IS 398 (PART - IV) : 1994

Code Name	Actual Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C (Max)
		No. of Aluminium Wires	Individual wire diameter				
	(mm <sup>2</sup> )	(No.)	(mm)	(mm)	(Kg /Km)	(KN)	(Ω/Km)
Mole	15	3	2.50	5.39	40.2	4.33	2.304
Squirrel	22	7	2.00	6	60.2	6.45	1.541
Weasel	34	7	2.50	7.5	94.0	10.11	0.99
Rabbit	55	7	3.15	9.45	149.2	16.03	0.621
Racoon	80	7	3.81	11.43	218.3	23.41	0.425
Dog	100	7	4.26	12.78	272.9	29.26	0.339
Dog (Up)	125	19	2.89	14.45	342.5	36.64	0.2735
Coyote	148	19	3.15	15.75	406.9	43.5	0.229
Wolf	173	19	3.40	17	474.0	50.54	0.1969
Wolf (Up)	200	19	3.66	18.3	549.4	58.66	0.171
Panther	232	19	3.94	19.7	636.7	68.05	0.1471
Panther (Up)	288	37	3.15	22.05	794.1	84.71	0.1182
Panther (Up)	346	37	3.45	24.15	952.6	101.58	0.0984
Kundah	400	37	3.71	25.97	1101.6	117.4	0.0829
Zebra	465	37	4.00	28	1280.5	136.38	0.0734
Zebra (UP)	525	61	3.31	29.79	1448.4	146.03	0.0651
Moose	570	61	3.45	31.05	1573.7	158.66	0.0598
Morculla	604	61	3.55	31.95	1666.0	167.99	0.0568
Moose (Up)	642	61	3.66	32.94	1771.4	178.43	0.0534
Morculla (Up)	695	61	3.81	34.29	1919.1	193.25	0.0492
Bersimis	767	61	4.00	36	2115.5	213.01	0.0446

