



ALL ALUMINUM CONDUCTOR STEEL REINFORCED (ACSR) - IS 398 (PART II) : 1996

Code Name	Nominal Area	Sectional Area	Stranding		Wire diameter		Diameter of Complete Conductor	Conductor Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
			No. of Wires		AL	Steel					@ 75°C	@ 85°C
			AL	Steel								
			(mm ²)	(No.)	(No.)	(mm)					(mm)	(mm)
Mole	10	12.37	6	1	1.50	1.50	4.50	43	4.0	2.7800	59	69
---	18	21.12	6	1	1.96	1.96	5.88	73	6.7	1.6180	81	97
Squirrel	20	24.48	6	1	2.11	2.11	6.33	85	7.6	1.3940	89	106
Weasel	30	36.88	6	1	2.59	2.59	7.77	128	11.1	0.9289	114	136
Rabbit	50	61.70	6	1	3.35	3.35	10.05	214	18.3	0.5524	155	186
Racoon	80	91.97	6	1	4.09	4.09	12.27	319	26.9	0.3712	196	237
Dog	100	118.50	6	7	4.72	1.57	14.15	394	32.4	0.2792	231	282
Wolf	150	194.90	30	7	2.59	2.59	18.13	726	67.3	0.1871	315	389
Panther	200	261.50	30	7	3.00	3.00	21.00	974	89.7	0.1390	374	465
Kundah	400	425.20	42	7	3.50	1.96	26.88	1281	88.8	0.0731	525	664
Zebra	420	484.50	54	7	3.18	3.18	28.62	1621	130.3	0.0687	546	693
Moose	520	597.00	54	7	3.53	3.53	31.77	1998	159.6	0.0560	612	783
Morcula	560	591.70	42	7	4.13	2.30	31.68	1781	120.2	0.0523	631	808

