

## Steel Cored Aluminium Conductor (ACSR)

CONDUCTOR CODE NAME	CONDUCTOR				EQUIVALENT ELECTRICAL AREAS		CALCULATED MIN BREAKING LOAD	
	Animals	TOTAL CROSS SECTIONAL AREA (mm <sup>2</sup> )	NOM OVERALL DIAMETER	ALUMINIUM		STEEL		ALUMINIUM
			NOMINAL AREA (mm <sup>2</sup> )	STRANDING (No./mm)	STRANDING (No./mm)	mm <sup>2</sup>	mm <sup>2</sup>	kN
Mole	12.4	4.5	10.6	6/1.50	1/1.50	10.6	6.5	4.1
Squirrel	24.5	6.3	21.0	6/2.11	1/2.11	21.0	12.8	7.9
Gopher	30.6	7.1	26.2	6/2.36	1/2.36	26.2	16.0	9.6
Ferret	49.5	9.0	42.4	6/3.0	1/3.0	42.4	25.9	15.2
Rabbit	61.7	10.1	52.9	6/3.35	1/3.35	52.9	32.2	18.4
Mink	73.6	11.0	63.2	6/3.66	1/3.66	63.1	38.5	21.8
Raccoon	92.4	12.3	79.1	6/4.10	1/4.10	79.2	48.3	27.2
Dog	118.5	14.2	105.0	6/4.72	7/1.57	105.0	64.5	32.7
Dingo	167.5	16.8	158.7	18/3.35	1/3.35	158.7	97.9	35.7
Wolf	194.9	18.1	158.0	30/2.59	7/2.59	158.0	96.8	69.2
Jaguar	222.3	19.3	210.6	18/3.86	1/3.86	210.6	128.4	47.0
Goat	400.0	26.0	324.3	30/3.71	7/3.71	324.3	197.7	136.0
Zebra	484.5	28.6	428.9	54/3.18	7/3.18	428.9	261.5	132.0