

PROPERTIES OF ACSR CONDUCTORS

Code Name	No of Aluminium Strands .	Dia in mm	No of Steel Strands	Dia in mm	Dia of Cable in mm	Gross area of Aluminium. Sq.mm	Gross area of Cable. sq.mm	Ultimate strength in kg	Resistance at 20 ° C in ohm/km	Current for 30 ° rise above ambient	Modulus of elasticity. kg/sq.cm x 10 ⁶
Squirrel	6	2.11	1	2.11	6.33	20.71	24.44	770	1.37	70	0.81
Easel	6	2.59	1	2.59	7.77	31.63	36.90	1135	0.91	100	0.81