



APPLICABLE STANDARD

High Conductivity Alloy Conductors AAAC) can be supplied to meet various National & International Standards as follows.

- SS 4240814
- SS 4240812
- AS 1531
- BS EN 50182: 2001

However, Lumino can also supply a range of alternative designs to meet customer-specified requirements.

Disclaimer:

- * Parameters mentioned in the document are indicative and can vary subject to different standards
- * Customizations are available on select products. Please indicate your interest by reaching out to the sales team

ALUMINUM ALLOY CONDUCTORS (TYPE- AL5) EN 50182

Code	Old Code	Sectional Area	Stranding		Conductor Diameter	Weight	Rated Strength	DC Resistance @ 20°C	Current Capacity	
			No. of Aluminium Wires	Individual wire diameter					@ 75°C	@ 85°C
			(mm ²)	(No.)					(mm)	(mm)
239-AL5	POPLAR	239.4	37	2.87	20.1	659.4	70.61	0.133	384	477
303-AL5	SYCAMORE	303.2	37	3.23	22.6	835.2	89.44	0.105	439	549
362-AL5	UPAS	362.1	37	3.53	24.7	997.5	106.82	0.0879	485	610
479-AL5	YEW	479	37	4.06	28.4	1319.6	141.31	0.0665	566	720
498-AL5	TOTARA	498.1	37	4.14	29	1372.1	146.93	0.0639	579	737
587-AL5	RUBUS	586.9	61	3.50	31.5	1622.0	173.13	0.0544	632	810
659-AL5	SORBUS	659.4	61	3.71	33.4	1822.5	194.53	0.0484	673	867
821-AL5	ARAUCARIA	821.1	61	4.14	37.3	2269.4	242.24	0.0389	754	982
996-AL5	REDWOOD	996.2	61	4.56	41	2753.2	293.88	0.0321	831	1092

