



ALL ALUMINUM CONDUCTOR STEEL REINFORCED (ACSR) - EN 50182 : 2001- TYPE A1/ST6C

Code Name	Sectional Area (mm ²)	Stranding		Wire diameter		Diameter of Complete Conductor (mm)	Conductor Weight (Kg/km)	Rated Strength KN	DC Resistance @ 20°C (Ω/Km)	Current Capacity	
		No. of Wires		AL (mm)	Steel (mm)					@ 75°C (Ampere)	@ 85°C (Ampere)
		AL (No.)	Steel (No.)								
		(mm ²)	(No.)	(No.)	(mm)					(mm)	(mm)
94-AL 1/22-ST6C	116.20	30	7	2.00	2.00	14.00	433	49.3	0.3067	236	287
119-AL 1/28-ST6C	147.10	30	7	2.25	2.25	15.80	547	61.8	0.2423	271	332
147-AL 1/34-ST6C	181.60	30	7	2.50	2.50	17.50	676	74.2	0.1963	306	377
185-AL 1/43-ST6C	227.80	30	7	2.80	2.80	19.60	848	92.2	0.1565	349	432
234-AL 1/55-ST6C	288.30	30	7	3.15	3.15	22.10	1073	113.9	0.1236	399	498
222-AL 1/76-ST6C	297.20	36	19	2.80	2.25	22.50	1207	147.2	0.1307	389	486
326-AL 1/86-ST6C	411.70	32	19	3.60	2.40	26.40	1576	173.3	0.0889	482	609
508-AL 1/105-ST6C	612.60	66	19	3.13	2.65	32.00	2227	231.6	0.0570	607	778
717-AL 1/148-ST6C	865.40	66	19	3.72	3.15	38.10	3145	319.1	0.0403	732	953
957-AL 1/228-ST6C	1184.50	54	37	2.80	2.80	44.70	4434	480.8	0.0302	864	1144

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606-AL 1/77-ST5E	682.90	54	19	3.78	2.27	34.00	2278	206.2	0.0477	666	858
766-AL 1/97-ST5E	863.10	54	19	4.25	2.55	38.30	2878	255.5	0.0377	755	983

