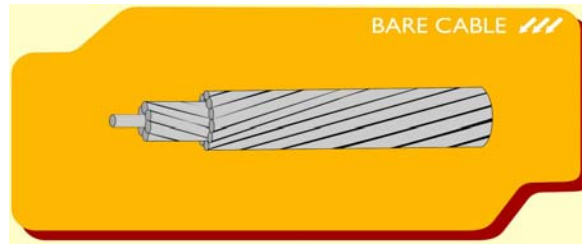


AAAC

Aluminium Alloy Conductors sized by Stranded areas



BARE CONDUCTOR

TECHNICAL DATA

SPEC
STD

Specification : ASTM , B - 399

APL

Used for overhead transmission & distribution

DIMENSIONAL, MECHANICAL & ELECTRICAL DATA

AREA	Number of Core & Dia.Wire	Overall Diameter approx.	Weight	Min. Calculated Breaking Load	Max. DC Resistance at. 20°C	Std. Length per reel
Nominal	n / (mm)	(mm)	(kg / km)	(kn)	(Ohm/km)	(M+/-5%)
AWG OR MCM	n / (mm)	(mm)	(kg / km)	(kn)	(Ohm/km)	(M+/-5%)
6	7/1.554	4.67	37	4.22	2.5199	3.500
4	7/1.961	5.89	58	6.17	1.5824	3.000
2	7/2.474	73.42	93	10.68	0.9942	2.500
0	7/3.119	9.36	148	16.97	0.6256	2.000
2/0	7/3.503	10.51	186	20.52	0.4959	3.500
3/0	7/3.932	11.80	234	25.86	0.3936	3.000
4/0	7/4.417	13.26	296	32.63	0.3119	2.000
250	19/2.913	14.57	349	38.93	0.2642	3.000
300	19/3.193	15.97	419	46.77	0.2199	
350	19/3.447	17.24	489	52.25	0.1887	
400	19/3.686	18.43	559	59.74	0.1650	2.500
450	19/3.909	19.55	629	67.19	0.1467	2.000
500	19/4.120	20.60	698	74.64	0.1321	
550	37/3.096	21.67	768	83.80	0.1202	
600	19/3.233	22.63	838	91.38	0.1102	
650	37/3.366	23.56	908	97.94	0.1016	3.500
700	37/3.493	24.45	978	102.20	0.0944	
750	37/3.617	25.32	1049	109.60	0.0880	
800	37/3.734	26.14	1117	116.80	0.0826	3.000
900	37/3.962	27.73	1258	131.50	0.0733	
1000	37/4.176	29.23	1399	146.10	0.0660	