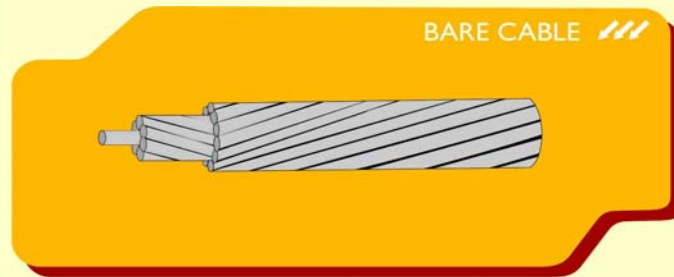


AAC

All Aluminium Stranded Conductors (Class A & Class AA)



BARE CONDUCTOR

TECHNICAL DATA

SPEC
STD

Specification : ASTM , B - 231

° C

- Ambient temperature : 35

APL

Used for overhead power transmission purpose, medium tension, overhead system and distribution network

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- Wind velocity : 0.6 m/sec

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- Continuous operating of conductor : 80 ° C

DIMENSIONAL , MECHANICAL & ELECTRICAL DATA

CODE NAME	AREA	Number of Core & Dia.Wire	Area Actual	Overall Diameter approx.	Weight	Min. Calculated Breaking Load	Max. DC Resistance at. 20°C	Current Carring Capacity*	Std. Length per reel
	Nominal								
	AWG OR MCM	n / (mm)	(mm)	(mm)	(kg / km)	(kn)	(Ohm/km)	(A)	(M+/-5%)
JESSAMINE	900	37/3.962	456.16	27.73	1257	68.48	0.0632	835	2.500
	954.0	61/3.177		28.60	1333	78.96			0.0596
		37/4.079		28.55		72.58	2.500		
	1000	61/3.251		29.36	1397	77.53	0.0569	890	2.000
		37/4.176		29.23		76.08			
	1033.5	61/3.307		29.76	1444	80.12	0.0550	910	2.500
		37/4.244		29.72		78.63			
	1113	61/3.432		30.89	1555	86.28	0.0511	950	2.000
	1192.5	61/3.551		31.05	1666	92.45	0.0477	990	
	1272	61/3.668		33.02	1777	98.61	0.0447	1030	
	1351.5	61/3.78		34.01	1888	104.78	0.0421	1070	
	1431	61/3.89		35.03	1999	107.68	0.0398	1110	2.500
	1510.5	61/4.00		35.09	2110	113.65	0.0376	1145	
	1590	61/4.099		36.51	2221	119.64	0.0358	1180	
1750	61/4.302	38.73	2445	131.68	0.0325	1250	2.000		