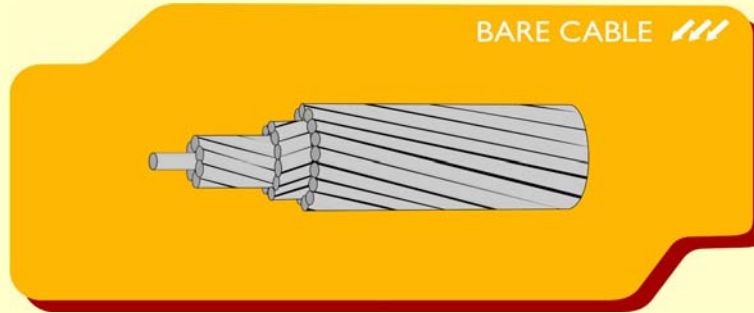


T - AAAC

Thermal Resistance Aluminium Alloy Conductors



BARE CONDUCTOR

TECHNICAL DATA

SPEC
STD

Specification : JEC - 197

°C

- Ambient temperature : 35 ° C

APL

Used for overhead transmission line

∅

- Wind velocity : 0.6 m/sec

∞

- Continuous operating of conductor : 80

DIMENSIONAL , MECHANICAL & ELECTRICAL DATA

AREA	Nominal Thickness Of Sheath	Number of Core & Dia.Wire	Overall Diameter approx.	Weight	Min. Calculated Breaking Load	Max. DC Resistance at. 20°C	Current Carrying Capacity*	Std. Length per reel
Nominal								
(mm ²)	(mm)	n / (mm)	(mm)	(kg / km)	(kgf)	(Ohm/km)	(A)	(M+/-5%)
150	152.8	19/3.2	16.0	419	2270	0.1910	650	2.000
200		19/3.7	18.5	560	3030	0.1430	790	
240		19/4.0	20.0	655	3490	0.1220	897	
300		37/3.2	22.4	820	4420	0.0985	1030	1.000
400		37/3.7	25.9	1097	5890	0.0737	1258	
510		37/4.2	29.4	1413	7460	0.0571	1491	
660		61/3.7	33.3	1812	9720	0.0448	1753	500
850		61/4.2	37.8	2334	12300	0.0347	2073	
980		91/3.7	40.7	2716	14500	0.0302	2272	
1030			91/3.8	41.8	2864	15320	0.0286	2353
1260	1260.8	91/4.2	46.2	3449	18350	0.0234	2672	