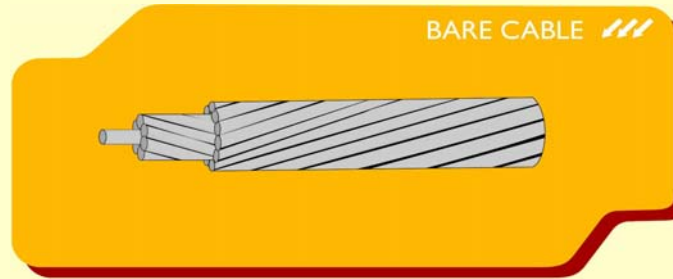


## AAC

## All Aluminium Stranded Conductors (Class A &amp; Class AA)



## BARE CONDUCTOR

## TECHNICAL DATA



Specification : ASTM , B - 231



- Ambient temperature : 35 ° C



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



- Wind velocity : 0.6 m/sec



- Continuous operating of conductor : 80 ° C

## DIMENSIONAL , MECHANICAL &amp; 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 Carrying Capacity*	Std. Length per reel
	Nominal								
	AWG OR MCM	n / ( mm )	( mm )	( mm )	( kg / km )	( kn )	( Ohm/km )	( A )	( M+/-5% )
SNAPDRAGON	500	19/4.12	253.35	20.60	698	38.88	0.1138	575	2.000
	556.5	19/4.346		21.73	777	43.27		0.1022	
		37/3.114		21.79		43.62			
	600	37/3.233		22.63	838	47.03	0.0948	645	
	636	37/3.33		23.31	888	49.85	0.0894	670	
	650	37/3.366		23.56	908	50.95	0.0813	680	
		61/2.72		24.48	978	51.46		715	
	700	37/3.493		24.45		1000	54.87	0.0795	
		61/2.75		24.76	58.74		725		
	716	37/3.533		24.74	1048	56.09	0.0759	745	
		61/2.817		25.35		59.85			
	750	37/3.617		25.32	1111	58.75	0.0715	770	
		61/2.9		26.11		63.45			
	795	37/3.724		26.06	1257	62.32	0.0632	835	
61/3.086		27.78	69.78						
900	61.3086	456.06	27.78	1257	69.78	0.0632	835	3.000	