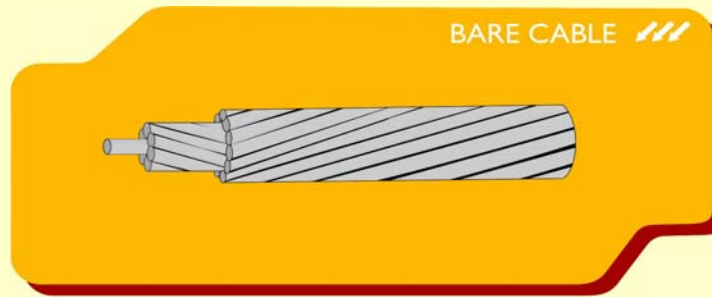


AAC

All Aluminium Stranded Conductors



BARE CONDUCTOR

TECHNICAL DATA

SPEC
STD

Specification : BS 215, Part 1

APL

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

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	Std. Length per reel
Nominal	(mm)	n / (mm)	(mm)	(kg / km)	(KN)	(Ohm/km)	(M+/-5%)
150	157.9	7/5.36	16.1	432	23.85	0.1813	1.500
	157.6	19/3.25	16.3	434	27.70	0.1825	3.000
175	186.0	19/3.53	17.7	512	28.63	0.1547	2.500
200	213.2	19/3.78	18.9	587	32.40	0.1349	
225	236.9	19/3.99	20.0	652	36.01	0.1211	2.000
250	265.7	19/4.22	21.1	731	40.40	0.10830	
300	322.7	19/4.65	23.3	888	48.70	0.08916	1.500
	373.2	19/5.00	25.0	1027	56.37	0.07711	
350	578.5	37/3.58	25.1	1029	57.45	0.07741	3.500
	425.2	19/5.36	26.8	1179	64.73	0.06710	1.500
400	415.2	37/3.78	26.5	1145	63.10	0.06944	3.000
	486.9	37/4.09	28.6	1342	74.01	0.05931	2.500
500	528.5	37/4.27	29.9	1460	79.98	0.05441	
600	628.6	37/4.65	32.6	1733	94.95	0.04588	2.000
750	794.8	37/5.23	36.6	2191	120.10	0.03627	1.500