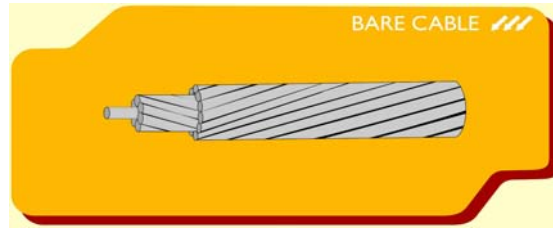


AAAC

All Aluminium Alloy Conductors



BARE CONDUCTOR

TECHNICAL DATA

- SPEC** Specification : BS.3242
- STD**
- 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						
(mm ²)	n / (mm)	(mm)	(kg / km)	(kn)	(Ohm/km)	(M+-5%)
10	7/1.47	4.41	32	3.33	2.277	2.500
15	7/1.85	5.55	51	5.27	1.749	2.000
20	7/2.08	6.24	65	6.70	1.384	2.500
25	7/2.34	7.02	82	8.44	1.094	2.000
30	7/2.54	7.62	97	9.95	0.9281	
35	7/2.77	8.31	115	11.83	0.780	2.500
40	7/2.95	8.85	131	13.40	0.688	
50	7/3.30	9.9	164	16.80	0.5498	2.000
60	7/3.61	10.83	196	20.10	0.4595	3.000
70	7/3.91	11.73	230	23.57	0.3917	
75	7/4.04	12.12	246	25.17	0.3669	2.500
80	7/4.19	12.57	264	27.04	0.3410	
90	7/4.45	13.35	298	30.50	0.3026	2.000
100	7/4.65	13.95	325	33.30	0.2769	
	19/2.82	14.1	326		0.2786	
125	19/3.18	15.9	415	42.30	0.2190	3.000
150	19/3.48	17.4	497	50.60	0.1830	
175	19/3.76	18.8	580	59.10	0.1568	2.500
200	37/2.87	20.09	660	67.00	0.1387	
225	37/3.05	21.35	744	75.70	0.1224	2.000
250	37/3.23	22.61	835	84.9	0.1094	
300	37/3.53	24.71	998	101.5	0.0916	3.000
350	37/3.81	26.67	1163	118.2	0.0786	
400	37/4.06	28.42	1323	134.5	0.0691	2.500