



S.M.C

Hard Drawn Copper Conductors (HDBC)
 Conductors For Overhead Lines
 Hard Drawn Copper Conductor (HDBC)



Nominal Area	Number of wires in Conductor	Nominal Dia of wires in Conductor	Approx. Conductor Diameter	Maximum Conductor Resistance at 20°C(Max)	Nominal Weight	Maximum Weight	Breaking Load (Min)	Standard Packaging Length	Drum size	Approx. Gross weight
Sqmm	No	mm	mm	Ohm/Km	Kg/Km	Kg/Km	N	Meter ±5%		KG
10	7	1.35	4.05	1.829	89.82	91.62	3752	2000	D-6	230
14	7	1.60	4.80	1.303	126.2	128.7	5267	2000	D-6	305
16	3	2.65	5.70	1.106	148.3	151.3	6194	2000	D-7	350
16	7	1.70	5.10	1.154	142.4	145.2	5946	2000	D-7	340
25	7	2.10	6.30	0.756	217.3	221.6	9073	2000	D-8	495
32	3	3.75	8.06	0.5520	296.9	302.08	12400	1000	D-7	350
32	7	2.46	7.38	0.5497	298.2	304.2	12442	1000	D-7	350
35	7	2.50	7.50	0.5337	308.0	314.2	12860	1000	D-7	360
50	7	3.00	9.00	0.3706	443.5	452.4	18520	1000	D-7	500
50	19	1.80	9.00	0.3819	435.8	444.5	17700	1000	D-7	490
70	7	3.55	10.65	0.2646	621.1	633.5	25930	1000	D-8	685
70	19	2.10	10.50	0.2806	593.2	605.1	24090	1000	D-8	660
95	19	2.50	12.50	0.1980	840.07	857.5	34140	1000	D-11	960
100	7	4.30	12.90	0.1810	911.2	929.4	36540	1000	D-11	1030
120	19	2.80	14.00	0.1578	1055	1076	42830	1000	D-12	1190
125	19	2.90	14.50	0.1471	1131	1154	45940	1000	D-12	1265
150	19	3.20	16.00	0.1208	1377	1405	55940	1000	D-12	1515
150	37	2.25	15.75	0.1264	1334	1361	53880	1000	D-12	1475
185	19	3.55	17.75	0.09815	1695	1729	68860	1000	D-14	1880
185	37	2.50	17.50	0.1024	1647	1680	66490	1000	D-14	1830

Conductor conform to BS 7884-1997.