



# S.M.C

## Soft Drawn Bare Copper Conductors (SDBC) Conductors For Earthing Purposes



Nominal Area of Conductor	Minimum Number of Wires in the Conductor	Approx. Conductor Diameter	Maximum Conductor Resistance at 20°C	Approx. Conductor Weight	Standard Packing Length	Drum size	Approx. Gross weight
Sqmm	No./mm	mm	Ohm/km	Kg/Km	Meter+-5%		KG
4*	7	2.52	4.61	34.0	2000	D-6	115
6*	7	3.08	3.08	51.0	2000	D-6	145
10	7	3.8	1.83	87.0	2000	D-6	220
16	6	4.9	1.15	136	2000	D-6	315
25	6	6.0	0.727	215	2000	D-7	475
35	6	7.1	0.524	301	1000	D-7	345
50	6	8.2	0.387	410	1000	D-7	455
70	12	9.8	0.268	594	1000	D-8	645
95	15	11.7	0.193	820	1000	D-11	920
12	18	13.2	0.153	1040	1000	D-12	1150
15	18	14.6	0.124	1300	1000	D-12	1410
18	30	16.2	0.0991	1615	1000	D-14	1770
24	34	18.7	0.0754	2100	1000	D-16	2310
30	34	20.7	0.0601	2650	1000	D-18	2890
40	53	23.6	0.0470	3440	1000	D-18	3680

\* Conductors circular Stranded (Class2).

All other conductors circular stranded compacted (Class 2).

Conductors conform to BS 6360 /BS EN 60228 and IEC 60228.

Non - compacted untinned or tinned conductors available on Request.