

SOFT DRAWN BARE COPPER CONDUCTOR (SDBC)

APPLICATION

Bare Soft or Annealed Copper conductors are recommended to be used for circuit ground connections as well as machinery and equipment grounding where high conductivity is required.

CONSTRUCTION

Bare stranded soft-drawn copper conductor is a concentric-lay stranded conductor consisting of annealed copper wires in single layer and multi-layer construction.

STANDARD

Soft Drawn Bare Copper Conductor as per IEC/BS EN 60228



SERIAL NO.	TEKAB CODE	CONDUCTOR SIZE (Sq.mm.)	NO. OF STRANDS	APPROX. OVERALL DIAMETER (mm)	APPROX. WEIGHT (Kg/Km)	MAX. D.C. RESISTANCE @ 20°C
1	BC	1.0	7	1.3	10	18.1
2	BC	1.5	7	1.6	14	12.1
3	BC	2.5	7	2.0	22	7.41
4	BC	4	7	2.6	36	4.61
5	BC	6	7	3.2	55	3.08
6	BC	10	7	4.1	90	1.83
7	BC	16	7	5.1	140	1.15
8	BC	25	7	6.4	220	0.727
9	BC	35	7	7.6	310	0.524
10	BC	50	19	8.9	420	0.387
11	BC	70	19	10.7	610	0.268
12	BC	95	19	12.6	840	0.193
13	BC	120	37	14.3	1050	0.153

SERIAL NO.	TEKAB CODE	CONDUCTOR SIZE (Sq.mm.)	NO. OF STRANDS	APPROX. OVERALL DIAMETER (mm)	APPROX. WEIGHT (Kg/Km)	MAX. D.C. RESISTANCE @ 20°C
14	BC	150	37	15.8	1310	0.124
15	BC	185	37	17.7	1650	0.0991
16	BC	240	37	20.4	2150	0.0754
17	BC	300	61	22.8	2700	0.0601
18	BC	400	61	25.8	3450	0.0470
19	BC	500	61	28.9	4400	0.0366
20	BC	630	91	33.1	5775	0.0283

