

SOFT DRAWN TINNED COPPER CONDUCTOR (SDTC)

APPLICATION

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

CONSTRUCTION

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

STANDARD

Soft Drawn Tinned 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	TC	1.0	7	1.3	10	18.2
2	TC	1.5	7	1.6	14	12.2
3	TC	2.5	7	2.0	22	7.56
4	TC	4	7	2.6	36	4.70
5	TC	6	7	3.2	55	3.11
6	TC	10	7	4.1	90	1.84
7	TC	16	7	5.1	140	1.16
8	TC	25	7	6.4	220	0.734
9	TC	35	7	7.6	310	0.529
10	TC	50	19	8.9	420	0.391
11	TC	70	19	10.7	610	0.270
12	TC	95	19	12.6	840	0.195
13	TC	120	37	14.3	1050	0.154

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	TC	150	37	15.8	1310	0.126
15	TC	185	37	17.7	1650	0.100
16	TC	240	37	20.4	2150	0.0762
17	TC	300	61	22.8	2700	0.0607
18	TC	400	61	25.8	3450	0.0475
19	TC	500	61	28.9	4400	0.0369
20	TC	630	91	33.1	5775	0.0286

