

SOFT DRAWN BARE COPPER CONDUCTORS (SDBC)



BARE SOFT DRAWN COPPER CONDUCTOR

Application

These are stranded circular soft drawn bare copper conductor mainly used for earthing electrical systems where high conductivity is required.

Construction

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

Standard

Bare stranded soft-drawn copper conductor as per IEC 60228

Catalogue Number	Nominal Area	Approximate Overall Diameter	Approx. Weight	Max. DC Resistance at 20°C
	SQ.MM	MM	kg/km	Ω /km
NSDBC0010	1	1.29	9	18.1
NSDBC0015	1.5	1.59	14	12.1
NSDBC0025	2.5	2.01	22	7.41
NSDBC0040	4	2.55	36	4.61
NSDBC0060	6	3.1	52	3.08
NSDBC0100	10	4.05	89	1.83
NSDBC0160	16	5.1	138	1.15
NSDBC0250	25	6.4	215	0.727
NSDBC0350	35	7.5	305	0.524
NSDBC0500	50	8.9	410	0.387
NSDBC0700	70	10.7	600	0.268
NSDBC0950	95	12.6	820	0.193
NSDBC1200	120	14.2	1040	0.153
NSDBC1500	150	15.8	1285	0.124
NSDBC1850	185	17.6	1595	0.0991
NSDBC2400	240	20.1	2105	0.0754
NSDBC3000	300	22.2	2660	0.0601
NSDBC4000	400	25.0	3364	0.047
NSDBC5000	500	27.9	4300	0.0366
NSDBC6300	630	31.5	5550	0.0283
NSDBC8000	800	37.0	7350	0.0221
NSDBC1000	1000	41.5	9220	0.0176

Notes: Conductors can be supplied in multiples of 1000/500/250 mtrs or required by customer.