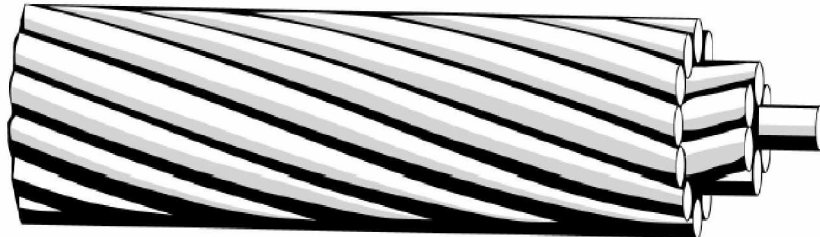


# BARE COPPER CONDUCTOR

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Hard Drawn/Annealed Copper Conductor



## APPLICATIONS:

Solid and stranded bare copper conductors are suitable for overhead transmission and distribution applications. Stranded conductors of greater flexibility are suitable for uninsulated hook up, jumpers and grounds in electrical construction.

## SPECIFICATIONS:

Anvil's bare copper conductors meet the following specifications:

- BS 7884 : 1997
- ASTM B-1; ASTM B-8
- Indian Standard

## CONSTRUCTION:

Bare copper, solid or stranded. Available in tempers hard and annealed. The conductors are concentrically stranded.



## ANVIL CABLES PVT. LTD.

Manufacturers of Cables, Conductors, Earth / Stay Wires  
20, Ballygunge Circular Road, Calcutta, India - 700 019  
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EMAIL : anvil.cal@vsnl.com      WEB : www.anvilcables.com

## BARE COPPER CONDUCTORS:

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BRITISH SIZES: BS 7884: 1997

Nominal Area	Number of Wires in Conductor	Nominal Dia. of Wires in Conductor	Approx. Conductor Diameter	Conductor Resistance at 20°C (Max.)	Nominal Weight	Maximum Weight	Breaking Load (Min.)
Sqmm	NO.	mm	mm	Ohm/Km	Kg/Km	Kg/Km	N
10	7	1.35	4.05	1.829	89.82	91.62	3752
14	7	1.60	4.80	1.303	126.2	128.7	5267
16	3	2.65	5.70	1.106	148.3	151.3	6194
16	7	1.70	5.10	1.154	142.4	145.2	5946
25	7	2.10	6.30	0.7563	217.3	221.6	9073
32	3	3.75	8.06	0.5520	296.90	302.8	12400
32	7	2.46	7.38	0.5497	298.2	304.2	12442
35	7	2.50	7.50	0.5337	308.0	314.2	12860
50	7	3.00	9.00	0.3706	443.50	452.4	18520
50	19	1.80	9.00	0.3819	435.8	444.5	17700
70	7	3.55	10.65	0.2646	621.10	633.5	25930
70	19	2.10	10.50	0.2806	593.2	605.1	24090
95	19	2.50	12.50	0.1980	840.7	857.5	34140
100	7	4.30	12.90	0.1810	911.2	929.4	36540
120	19	2.80	14.00	0.1578	1055	1076	42830
125	19	2.90	14.50	0.1471	1131	1154	45940
150	19	3.20	16.00	0.1208	1377	1405	55940
150	37	2.25	15.75	0.1264	1334	1361	53880
185	19	3.55	17.75	0.09815	1695	1729	68860
185	37	2.50	17.50	0.1024	1647	1680	66490



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