

## Bare Stranded Copper Conductor and Wire

*These Conductor are formulated in two different manner- Externally threaded and internally threaded.*

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Copper has its maximum utility in the field of electricity and its offering. At Vipul Copper we offer our customers with externally and internally threaded Bare stranded conductor to meet their purpose.

These are Oxygen free pure copper strands that help in generation of power and transmission of high duct electrical current. Vipul Copper bare strands are available for both industrial and private sector and are certified by Indian standard Institute which stands as proof quality and trust for our buyers.



### **Application**

- Tele communication industry
- Auto mobile industry
- Electric transformer and more
- Battery Cables

# Bare Copper Wire

We offer superior quality and high performance range of bare copper wires. We have fine wire drawing setup for bulk production. Our bare copper wires are characterized by excellent electrical, thermal and mechanical properties and superior surface finish. These bare copper wires are available in various diameters and different dimensions.

AWG	Nominal Diameter Inches	Nominal Diameter mm	Break Strength (1) Hard lbs.	Break Strength (1) Soft lbs	Elongation Percent Min Soft Wire (2)	Nominal Resistance Soft Bare ohm/met @ 20 C
26	0.01594	0.405	11	7.0	20	40.82
25	0.01790	0.455	14	8.8	20	32.37
24	0.02010	0.511	17	11	20	25.67
23	0.02257	0.573	22	14	25	20.36
22	0.02535	0.644	28	18	25	16.14
21	0.02845	0.723	35	22	25	12.81
20	0.03196	0.812	44	28	25	10.15
19	0.03589	0.912	56	35	25	8.051
18	0.04030	1.024	70	45	25	6.386
17	0.04526	1.150	88	56	25	5.063
16	0.05082	1.291	112	71	25	4.016
15	0.05707	1.450	141	90	25	3.184
14	0.06408	1.628	177	113	25	2.526
13	0.07196	1.828	224	142	25	2.003
12	0.08081	2.053	282	180	25	1.588
11	0.09074	2.305	356	226	25	1.260
10	0.1019	2.588	449	285	25	0.9988
9	0.1144	2.906	565	360	30	0.7924
8	0.1285	3.264	713	454	30	0.6281
7	0.1443	3.665	899	572	30	0.4981
6	0.1620	4.115	1134	721	30	0.3952
5	0.1819	4.620	1429	910	30	0.3134
4	0.2043	5.189	1803	1147	30	0.2485

Even though many of our products are standard items and of Standard BS Grade, we also make special tailor made products made exactly to the requirements of our customers in terms of Material Grade and Size.