

Bare Copper Wire



Scope:

Solid or stranded, uncoated or coated copper wire in hard or soft annealed tempers for all applicable uses.



Applicable Standards and Tests:

- ASTM B-1, B-3, B-8, B-33, B-172, B-174, and B-286
- UL 44, UL 83, UL 1581, and UL 2556
- QQ-W-343E, NMX-J-451-ANCE
- CSA C22.2 No 38-10



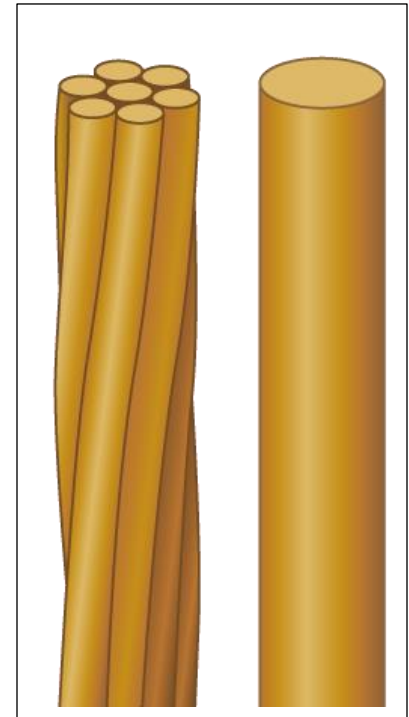
Construction:

Conductors: Solid and stranded conductors shall meet the requirements of ASTM B-1, B-3, ASTM B-8, B-33, B-174, B-286.



Identification and Packaging:

Wire shall be identified by package labeling in accordance with standard commercial practice.



AWG	Solid		7 and 19 Strand ASTM B-8 Class B		19 Strand ASTM B-8 Class C		Bunch-Stranded ASTM B-174 Class K			Rope-Lay Stranded ASTM B-172		
	OD (in)	lbs/mft	OD (in)	lbs/mft	OD (in)	lbs/mft	OD (in)	Number of strands	lbs/mft	OD (in)	Number of strands	lbs/mft
22	.0254	1.9	-	-	-	-	-	-	-	-	-	-
20	.0325	3.1	-	-	-	-	.048	16	4.9	-	-	-
18	.0403	4.9	-	-	-	-	.048	16	4.9	-	-	-
16	.0508	7.8	.055	7.9	-	-	.059	26	8.0	-	-	-
14	.064	12.4	.071	12.7	.069	12.7	.076	41	12.7	-	-	-
12	.081	19.8	.092	20.2	.087	20.2	.090	65	20.1	-	-	-
10	.102	31.4	.116	32.1	.110	32.1	.118	105	32.4	-	-	-
8	.129	50.0	.146	51.0	-	-	-	-	-	.166	133	52.9
6	.162	79.4	.184	81.1	-	-	-	-	-	.210	133	83.5
4	.204	126.3	.232	128.9	-	-	-	-	-	.257	133	133.0
2	-	-	.292	204.9	-	-	-	-	-	.328	133	209.7
1	-	-	.332*	258.4	-	-	-	-	-	.365	133	260.3
1/0	-	-	.373*	325.8	-	-	-	-	-	.464	133	342.4
2/0	-	-	.419	410.9	-	-	-	-	-	-	-	-
3/0	-	-	.470	518.1	-	-	-	-	-	-	-	-
4/0	-	-	.528	653.3	-	-	-	-	-	-	-	-