



# BARE WIRE SOLID ROUND

## SOLID BARE COPPER CONDUCTORS

ASTM Standards B1, B2, B3, B258

SIZE (AWG)	DIAMETER (MILS)	AREA (CIRCULAR)	NET WEIGHT (LBS./1000')	APPROX. RESISTANCE @ 68°F (20°C) OHMS PER 1,000' SOFT (ANNEALED)
14	64.1	4,110	12.40	2.52000
12	80.8	6,530	19.80	1.59000
10	101.9	10,380	31.43	0.99910
8	128.5	16,510	49.98	0.62810
6	162.0	26,240	79.44	0.39520
4	204.3	41,740	126.30	0.24850
2	257.6	66,360	200.90	0.15630

The above data is approximate and subject to normal manufacturing tolerances.

## APPLICATION NOTES

Some typical applications of bare round copper wire are for grounding wires, conductors for building wire, telecommunications cables and for subsequent fabrication into metallic coated and stranded conductors, redrawing to smaller sizes and a multitude of mechanical forming operations.