

Bare Copper

Soft Drawn Bare Copper Wire

18 AWG – 750 kcmil



Description:

Solid or stranded bare soft drawn copper wire.

For use in grounding and bonding applications.
Also for use in overhead transmission and distribution applications.

Materials:

Solid conductors: Soft, uncoated copper per ASTM B3

Stranded conductors: Uncoated copper per ASTM B3, B8 and B787

Standards:

ASTM B3

ASTM B8

ASTM B787

Conductors		Individual Strand Diameter (inches)	Overall Diameter (inches)	Net Weight (Lbs/MFt)
Size – (AWG or kcmil)	# of Strands			
12	Solid	0.0808	0.0808	20
10	Solid	0.1020	0.1020	31
8	Solid	0.1265	0.1265	50
6	Solid	0.1594	0.1594	78
4	Solid	0.2043	0.2043	125
2	Solid	0.2576	0.2576	202
18	41	0.0060	0.0464	4.93
8	7	0.0486	0.143	50
6	7	0.0615	0.179	78
4	7	0.0775	0.225	125
2	7	0.0983	0.284	202
1/0	19	0.0802, 0.0585	0.358	313
2/0	19	0.0892, 0.0670	0.391	393
3/0	19	0.0997, 0.0754	0.442	496
4/0	19	0.1130, 0.0835	0.502	631
250	37	0.0844, 0.0652	0.541	747
350	37	0.0997, 0.0800	0.642	1050
500	37	0.1187, 0.0980	0.761	1489
600	61	0.0992	0.831	1795
750	61	0.1100	0.968	2258

Features:



Data are approximate and subject to normal manufacturing tolerances.

It is the sole responsibility of the end user to determine suitability of this product for its intended use and application.