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# BARE COPPER CONDUCTOR

## CONCENTRIC STRANDED SIZES 8 AWG THRU 500 kcmil

MAR 2017



**Applications:**

Class "B" Stranded conductors are suitable for use in uninsulated hook up, jumpers and grounds in electrical construction

**Construction:**

8 AWG Thru 500 kcmil concentric-lay stranded class "B" copper.

**Specifications:**

ASTM B3 Standard specification for soft or annealed copper wire.

ASTM B8 Standard specification for concentric-lay stranded copper conductors hard medium-hard or soft.

**Compliances:**

RoHS

PART NO.	COND. SIZE (AWG/kcmil)	STRAND	DIAMETER		CIRCULAR AREA		NET WEIGHT KG/KM	NET WEIGHT lbs/1000'	DC RESISTANCE AT 20°C	
			INCHES	mm	MILS	mm <sup>2</sup>			Ω/KM	Ω/1000'
801444	8	7	0.146	3.71	16510	8.37	75.86	50.98	2.1	0.640
801375	6	7	0.184	4.67	26240	13.30	120.63	81.06	1.32	0.403
801725	4	7	0.232	5.89	41740	21.15	191.80	128.89	1.05	0.253
801446	3	7	0.260	6.60	52600	26.65	241.90	162.56	0.83	0.201
801707	2	7	0.292	7.42	66360	33.63	304.90	204.89	0.659	0.159
801726	1	19	0.332	8.43	83690	42.41	384.60	258.45	0.522	0.127
801448	1/0	19	0.373	9.47	105600	53.51	484.90	325.85	0.328	0.100
801727	2/0	19	0.419	10.64	133100	67.44	611.50	410.93	0.261	0.795
801728	3/0	19	0.470	11.94	167800	85.03	771.10	518.18	0.207	0.063
801449	4/0	19	0.528	13.41	211600	107.22	972.00	653.18	0.164	0.050
801729	250	37	0.575	14.61	250000	126.68	1148.80	771.99	0.139	0.042
801730	300	37	0.630	16.00	300000	152.01	1378.60	926.42	0.116	0.0353
801731	350	37	0.681	17.30	350000	177.35	1609.00	1081.25	0.0991	0.0302
801732	400	37	0.728	18.49	400000	202.68	1838.00	1235.14	0.0866	0.0264
801664	500	37	0.813	20.65	500000	253.35	2298.00	1544.26	0.0695	0.0212

DIMENSIONS AND WEIGHTS ARE NOMINAL; SUBJECT TO INDUSTRY TOLERANCES