

# Class K Copper Stranding

Size	Rope-Lay with Bunch Stranding		Bunch Stranding		Weight
AWG or kcmil	Nominal Number of 30 AWG Wires	Strand Construction	Nominal Number of 30 AWG Wires	Approx. O.D. (inches)	lbs./1000ft.
<b>1,000</b>	10,101	37 x 7 x 39	10,101	1.419	3,270
<b>900</b>	9,065	37 x 7 x 35	9,065	1.323	2,935
<b>800</b>	7,980	19 x 7 x 60	7,980	1.305	2,585
<b>750</b>	7,581	19 x 7 x 57	7,581	1.276	2,455
<b>700</b>	6,916	19 x 7 x 52	6,916	1.207	2,240
<b>650</b>	6,517	19 x 7 x 49	6,517	1.166	2,110
<b>600</b>	5,985	19 x 7 x 45	5,985	1.125	1,940
<b>550</b>	5,453	19 x 7 x 41	5,453	1.056	1,765
<b>500</b>	5,054	19 x 7 x 38	5,054	0.988	1,635
<b>450</b>	4,522	19 x 7 x 34	4,522	0.933	1,465
<b>400</b>	3,990	19 x 7 x 30	3,990	0.878	1,290
<b>350</b>	3,458	19 x 7 x 26	3,458	0.809	1,120
<b>300</b>	2,989	7 x 7 x 61	2,989	0.768	960
<b>250</b>	2,499	7 x 7 x 51	2,499	0.682	802
<b>4/0</b>	2,107	7 x 7 x 43	2,107	0.627	676
<b>3/0</b>	1,666	7 x 7 x 34	1,666	0.533	535
<b>2/0</b>	1,323	7 x 7 x 27	1,323	0.470	425
<b>1/0</b>	1,064	19 x 56	1,064	0.451	338
<b>1</b>	836	19 x 44	836	0.397	266
<b>2</b>	665	19 x 35	665	0.338	211
<b>3</b>	532	19 x 28	532	0.304	169
<b>4</b>	420	7 x 60	420	0.272	132
<b>5</b>	336	7 x 48	336	0.235	106
<b>6</b>	266	7 x 38	266	0.202	84
<b>7</b>	210	7 x 30	210	0.179	66
<b>8</b>	168	7 x 24	168	0.157	53
<b>9</b>	133	7 x 19	133	0.146	42
<b>10</b>	–	–	104	0.126	32.5
<b>12</b>	–	–	65	0.101	20.3
<b>14</b>	–	–	41	0.078	12.8
<b>16</b>	–	–	26	0.060	8.0
<b>18</b>	–	–	16	0.048	5.0
<b>20</b>	–	–	10	0.038	3.2

Sources: ASTM B172 Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Members and ICEA S-68-516 (NEMA WC8).