

**Copper-Clad Steel Strand & Solid Wire – ASTM B 910**

No. and AWG	Nominal Diameter		Weight		Breaking Load				Nominal Cross Section	
	Inches	mm	Lbs/Kft	Kg/Km	40% Conductivity Lbs	30% Conductivity kN	30% Conductivity Lbs	30% Conductivity kN	KCMIL	mm <sup>2</sup>
<b>19 No. 5</b>	.910	23.11	1,700	2,529.7	24,700	109.9	29,600	131.7	628.9	318.71
<b>19 No. 6</b>	.810	20.57	1,403	2,087.7	19,600	87.2	23,500	104.5	498.8	252.71
<b>19 No. 7</b>	.721	18.31	1,113	1,656.2	15,500	69.0	18,600	82.7	395.5	200.45
<b>19 No. 8</b>	.642	16.31	882.7	1,313.5	12,300	54.7	14,800	65.8	313.7	158.97
<b>19 No. 9</b>	.572	14.53	700.0	1,041.6	9,770	43.5	11,700	52.0	248.8	126.06
<b>7 No. 4</b>	.613	15.57	818.9	1,218.6	11,500	51.2	13,800	61.4	292.2	148.04
<b>7 No. 5</b>	.546	13.87	649.4	966.4	9,100	40.5	10,900	48.5	231.7	117.42
<b>7 No. 6</b>	.486	12.34	515.0	766.4	7,210	32.1	8,660	38.5	183.8	93.10
<b>7 No. 7</b>	.433	11.00	408.4	607.8	5,730	25.5	6,870	30.6	145.7	73.87
<b>7 No. 8</b>	.385	9.78	323.9	482.0	4,540	20.2	5,450	24.2	115.6	68.65
<b>7 No. 9</b>	.343	8.71	256.9	382.3	3,600	16.0	4,320	19.2	91.65	46.44
<b>7 No. 10</b>	.306	7.77	203.7	303.1	2,850	12.7	3,420	15.2	72.68	36.83
<b>No. 2</b>	.258	6.54	184.2	274.1	2,350	10.5	2,610	11.6	66.37	33.62
<b>No. 4</b>	.204	5.19	115.8	172.3	1,480	6.9	1,640	7.3	41.74	21.5
<b>No. 6</b>	.162	4.11	72.9	108.4	930	4.1	1,030	4.6	26.25	13.30

*\*Short-time fusing current data available upon request*

**Application**

Copper-Clad Steel Strand is mainly used for grounding purposes; including metallic structures, substations, and electrical transmission & distribution power lines.

**Construction**

Copper-Clad Steel Strand is a bi-metallic product that combines the high mechanical resistance of steel with the conductivity and resistance to corrosion of copper.

**Standards**

Conforms to ASTM B 910.