

## BARE CLASS A, B, AND C CONCENTRIC STRANDED CONDUCTOR

Based on A.S.T.M. Standard Specifications.

Size in Circular mils	Size A.W.G.	Conductor Dia. In.	NUMBER OF WIRES					CADWELD Cable code	
			7	19	37	61	91		
1,000,000		1.152			.1644*	.1280	.1048	4Y	
800,000		1.031			.1470*	.1145	.0938	4Q	
750,000		.998			.1424*	.1109	.0908	4L	
700,000		.964			.1375*	.1071	.0877	4G	
600,000		.893				.1273	.0992	.0812	3X
500,000		.813		.1622*	.1162	.0905			3Q
400,000		.728		.1451	.1040	.0810			3H
350,000		.681		.1357	.0973	.0757			3D
300,000		.630		.1257	.0900	.0701			3A
250,000		.575		.1147	.0822	.0640			2V
211,600	4/0	.528	.1739	.1055	.0756				2Q
167,800	3/0	.470	.1548	.0940	.0673				2L
133,100	2/0	.419	.1379	.0837	.0600				2G
105,500	1/0	.373	.1228	.0745	.0534				2C
83,690	1	.332	.1093	.0664	.0476				1Y
66,370	2	.292	.0974	.0591					1V
52,630	3	.260	.0867	.0526					1Q
41,740	4	.232	.0772	.0469					1L
26,240	6	.184	.0612	.0372					1H
16,510	8	.146	.0486	.0295					1E
10,380	10	.116	.0385	.0234					1B
6,530	12	.0915	.0305	.0185					
4,110	14	.0726	.0242	.0147					

\*Class AA

## BARE SOLID COPPER WIRE

## DSA COPPERWELD CONDUCTOR

Based on A.S.T.M. Standard Specifications

Size A.W.G.	Cross Sectional Area Circular Mils	Wire Dia. In.	CADWELD Cable code
4/0	211,600	.4600	2P
3/0	167,800	.4096	2K
2/0	133,100	.3648	2F
1/0	105,500	.3249	2B
1	83,690	.2893	1X
2	66,370	.2576	1T
3	52,630	.2294	1P
4	41,740	.2043	1K
6	26,250	.1620	1G
8	16,510	.1285	1D
10	10,380	.1019	1A
12	6,530	.0808	
14	4,110	.0064	

Cable Stranding	Nominal Diameter	kcmil	Equivalent Copper Size*	CADWELD Cable code
7/#10	.306	72.7	3AWG	9A
7/#8	.385	115.6	1	9B
7/#7	.433	145.7	1/0	9C
7/#6	.486	183.8	2/0	9D
7/#5	.546	231.7	3/0	9E
19/#9	.572	248.8	3/0	9F
7/#4	.613	292.2	4/0	9L
19/#8	.642	313.7	4/0	9G
19/#7	.721	395.5	250 kcmil	9H
37/#9	.801	484.4	300	7W
19/#6	.810	498.8	350	9J
37/#8	.899	610.9	400	7V
19/#5	.910	628.9	450	9K
37/#7	1.01	770.3	500	9M

\*Approximate based on Fusing Current calculations and tests by Copperweld Co.