
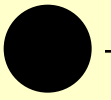
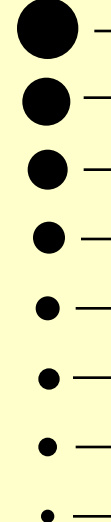

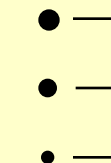

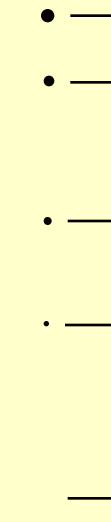

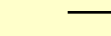


# American Wire Gauge

Wire Type	Wire Area	AWG Gauge	Max Amps	Diameter Inches	Diameter mm	Wire Use				
Multiple Wire 		0000	380.00	0.46	11.684	High Amperage Use				
		000	328.00	0.4096	10.40384					
		00	283.00	0.3648	9.26592					
	AND		0	245.00	0.3249		8.25246			
			1	211.00	0.2893		7.34822			
			2	181.00	0.2576		6.54304			
			3	158.00	0.2294		6.54304			
			4	135.00	0.2043		5.18922			
			5	118.00	0.1819		5.18922			
			6	101.00	0.162		4.1148			
			7	89.00	0.1443		3.66522			
			8	73.00	0.1285		3.2639			
			9	64.00	0.1144		2.90576			
			Solid Wire 		10		55.00	0.1019	2.58826	Normal House Wiring Use
					11		47.00	0.0907	2.30378	
12	41.00	0.0907			2.05232					
13	35.00	0.0808			1.8288					
14	32.00	0.0641			1.62814					
15	28.00	0.0571			1.45034					
Multiple Wire 		16	22.00	0.0508	1.29032	Electronic Wiring Use				
		17	19.00	0.0453	1.15062					
		18	16.00	0.0453	1.02362					
		19	14.00	0.0359	0.91186					
		20	11.00	0.032	0.8128					
		21	9.00	0.0285	0.7239					
		22	7.00	0.0254	0.64516					
		23	4.70	0.0226	0.57404					
		24	3.50	0.0226	0.51054					
		25	2.70	0.0201	0.45466					
		26	2.20	0.0159	0.40386					
		27	1.70	0.0142	0.36068					
		28	1.40	0.0126	0.28702					
		29	1.20	0.0113	0.28702					
		Solid Wire 		30	0.86		0.01	0.254		
				31	0.71		0.0089	0.22606		
				32	0.53		0.008	0.2032		
				33	0.43		0.0071	0.18034		
34	0.33			0.0063	0.16002	Special Use				
35	0.27			0.0056	0.14224					
36	0.21			0.005	0.127					
37	0.17	0.0045	0.1143							
38	0.13	0.004	0.1016							
39	0.11	0.0035	0.0889							
40	0.09	0.0031	0.07874							

Multiple Wire



Thermoplastic Insulation

Solid Copper Wires

Solid Wire



Thermoplastic Insulation

Solid Copper or Aluminum Wire

Solid Copper or Aluminum