

Parallel Splices

Wire Size Range

**AWG 22 to 600 MCM,
CMA 509 to 600,000
[0.26 to 304 mm²]**

Material

Splice Body — Copper per
ASTM B-152

Plating — Tin per MIL-T-10727



Wire Size Circular Mils ¹ [mm ²]	Dimensions			Material Thickness Max.	Part Numbers Solistrand
	L Max.	I.D. Min.	O.D. Max.		
22-16 509-3,260 [0.26-1.65]	.301 7.65	.061 1.55	.141 3.58	.033 0.84	34130*
16-14 2,050-5,180 [1.04-2.62]	.301 7.65	.085 2.16	.165 4.19	.033 0.84	34137*
12-10 5,180-13,100 [2.62-6.64]	.343 8.71	.129 3.28	.226 5.74	.042 1.07	34138*
8 13,100-20,800 [6.64-10.5]	.375 9.53	.172 4.37	.296 7.52	.051 1.30	34318*
6 20,800-33,100 [10.5-16.8]	.437 11.10	.232 5.89	.369 9.37	.060 1.52	34319*
4 33,100-52,600 [16.8-26.7]	.531 13.49	.296 7.52	.463 11.76	.073 1.85	34320*
2 52,600-83,700 [26.7-42.4]	.640 16.26	.370 9.40	.539 13.69	.073 1.85	35187*
1/0 83,700-119,500 [42.4-60.6]	.734 18.64	.444 11.28	.613 15.57	.073 1.85	36946*
2/0 119,500-150,500 [60.6-76.3]	.734 18.64	.504 12.80	.703 17.86	.083 2.11	36948*
3/0 150,500-190,000 [76.3-96.3]	.749 19.02	.565 14.35	.775 19.69	.094 2.39	36909
4/0 190,000-231,000 [96.3-117]	.765 19.43	.635 16.13	.869 22.07	.105 2.67	36951*
250-300 MCM 231,000-300,000 [117-152]	1.062 26.97	.753 19.13	1.054 26.77	.130 3.30	322275
300-350 MCM 300,000-380,000 [152-193]	1.124 28.55	.819 20.80	1.137 28.88	.140 3.56	322276
400 MCM 380,000-478,000 [193-242]	1.249 31.72	.925 23.50	1.287 32.69	.158 4.01	322277
500-600 MCM 478,000-600,000 [242-304]	1.421 36.09	1.070 27.18	1.483 37.67	.182 4.62	322278

*Part numbers are available in small quantity packages.

¹When terminating two or more wires in a parallel splice, the combined cross sectional area must be within the listed circular mil area range (CMA).