

AWG Wire Size	Wire Type	Maximum Free Air Current (Amperes)	Confined Current (Amperes)	Ohms per 1000 ft	Burndy Lug Number	Bolt Size	Burndy Crimp Tool	Burndy Die Set (crimps)
#6	61/24, DLO, Weld	87	65	0.445	YAV6CL-TC516-FX	5/16"	Y39	U5CRT (1)
#4	125/24, 150/24, DLO, Weld	114	89	0.300	YAV4CL-TC516-FX	5/16"	Y39	U4CRT (1)
#2	125/24, 150/24, DLO, Weld	152	119	0.184	YAV2CL-TC516-FX	5/16"	Y39	U2CRT (1)
#1	175/24, 225/24, DLO, Weld	177	137	0.147	YAV1CL-TC516-FX	5/16"	Y39	U1CRT (1)
1/0	275/24, DLO, Weld	205	163	0.122	YAV25L-TC38-FX	3/8"	Y39	U25RT (1)
2/0	325/24, DLO, Weld	237	186	0.097	YAV26L-TC38-FX	3/8"	Y39	U26RT (1)
3/0	450/24, DLO, Weld	366	238	0.077	YAV27L-TC38-FX	3/8"	Y39	U27RT (1)
4/0	550/24, DLO, Weld	316	253	0.061	YAV29L-TC38-FX	3/8"	Y39	U29RT (1)
262.5	262.6 kcmil, 637/24, DLO	362	286	0.052	YAV31L-TC12-FX	0.5"	Y39	U30RT (2)
373.7	373.1 kcmil, 775/24, 300 Flex, DLO	449	357	0.034	YAV34L-TC12-FX	0.5"	Y39	U32RT (2)
444.4	444.4 kcmil, 925/24, 350 Flex, DLO	497	396	0.028	YA36L-TC12-FX	0.5"	Y39	U34RT (2)
535.3	535.3 kcmil, 1325/24, 500 Flex, DLO	556	446	0.024	YA38L-TC58-FX	0.625	Y39	U38RT (2)
646.4	646.4 kcmil, 1600/24, DLO	617	489	0.020	YA40L-TC58-FX	0.625	Y39	U39RT (2)
777.7	777.7 kcmil, 1925/24, DLO	688	537	0.016	YA44L-TC58-FX	0.625	Y39	U44RT (2)