

RECOMMENDED MINIMUM WELDING CABLE SIZING CHART

Welding Current Amps	Length in Feet For Total Circuit for SECONDARY VOLTAGES ONLY <i>(Do Not Use This Table for 600V in-Line Applications)</i>						
	50	100	150	200	250	300	350
100	4	4	4	2	2	1	1/0
150	4	4	2	1	1/0	2/0	3/0
200	2	2	1	1/0	2/0	3/0	4/0
250	2	2	1/0	2/0	3/0	4/0	-
300	1	1	2/0	3/0	4/0	-	-
350	1/0	1/0	3/0	4/0	-	-	-
400	2/0	2/0	3/0	-	-	-	-
500	3/0	4/0	4/0	-	-	-	-
600	4/0	4/0	-	-	-	-	-

Ampacities are based on 105°C conductor temperature, 40°C ambient air / 50% duty cycle and approximate voltage drop of 4V at 25°C conductor temperature or 5VB at 105°C conductor temperature.