FREE CALCULATOR

Welding cable size chart (AWG by amps and length)

The copper welding cable size to use for your welding current and the total length of cable in the circuit, electrode lead plus work lead.

CHART

Welding cable size (AWG copper)

WELDING AMPS	100 FT OR LESS, 10-60% DUTY	100 FT OR LESS, 60-100% DUTY	150 FT	200 FT
100	4	4	4	3
150	3	3	2	1
200	3	2	1	1/0
250	2	1	1/0	2/0
300	1	1/0	2/0	3/0
350	1/0	2/0	3/0	4/0
400	1/0	2/0	3/0	4/0
500	2/0	3/0	4/0	2 × 2/0

Free chart from fleetzap.com/tools/welding-cable-size-chart