

Electrical Cable

Welding Cable Neoprene Class K

Conductors: Stranded bare copper
Insulation: Oil resistant synthetic rubber
Temperature Rating: -40°C to +90°C
Operating Voltage: 600 Volts
Applications: Power supply applications not exceeding 600 volts A.C. including portable lighting systems, entertainment industry lighting cable, mobile communications vans, spotlights and sound systems.
Approvals: Consult NEC for other than welding applications.



TEVELEC NUMBER	AWG Size	Stranding	Nominal O.D.	Weight Lbs/1000'	Current Amps
T75006	6	264	.365	152	85
T75004	4	418	.410	211	110
T75002	2	660	.480	302	150
T75001	1	836	.515	364	170
T75010	1/0	1056	.590	464	200
T75020	2/0	1320	.630	549	235
T75030	3/0	1672	.695	682	275
T75040	4/0	2090	.805	871	315

Welding Cable Ampacities Single Conductor For Welding Applications

Length in feet for total circuit** for secondary voltages only. Do not use this table for 600 volt applications							
AMPS	100'	150'	200'	250'	300'	350'	400'
100	4	4	2	2	1	1/0	1/0
150	4	2	1	1/0	2/0	3/0	3/0
200	2	1	1/0	2/0	3/0	4/0	4/0
250	1	1/0	2/0	3/0	4/0		
300	1/0	2/0	3/0	4/0			
350	1/0	3/0	4/0				
400	2/0	3/0					
450	2/0	4/0					
500	3/0	4/0					
550	3/0	4/0					
600	4/0						

Required cable sizes shown in AWG numbers

** The total circuit length includes both welding and ground leads (Based on 4 volt drop) 60% duty cycle.