

# SEU and SER Cables



A Viakable Company

## Ampacity Data

### SEU & SER Cables (Service Entrance Cable), XLPE Insulated, 600 V

Size AWG	Copper Conductors			
	60 °C	75 °C	90 °C	Dwelling
8-8-8	40	50	55	–
6-6-6	55	65	75	–
4-4-4	70	85	95	100
2-2-2	95	115	130	125
1-1-1	110	130	145	150
1/0-1/0-1/0	125	150	170	175
2/0-2/0-2/0	145	175	195	200
3/0-3/0-3/0	165	200	225	225
4/0-4/0-4/0	195	230	260	250

Size AWG	Aluminum Conductors			
	60 °C	75 °C	90 °C	Dwelling
–	–	–	–	–
6-6-6	40	50	55	–
4-4-4	55	65	75	–
2-2-2	75	90	100	100
1-1-1	85	100	115	110
1/0-1/0-1/0	100	120	135	125
2/0-2/0-2/0	115	135	150	150
3/0-3/0-3/0	130	155	175	175
4/0-4/0-4/0	150	180	205	200

NEC Table 310.15(B)(16) (formerly Table 310.16), and Table 310.15(B)(7). Allowable Ampacities of Insulated Conductors Rated Up to and Including 2000 Volts, 60 °C Through 90 °C, Not More Than Three Current-Carrying Conductors in Raceway, Cable, or Earth (Directly Buried), Based on Ambient Temperature of 30 °C.



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