

Multiconductor MC Cables



A Viakable Company

Ampacity Data

Multiconductor MC Cables

Conductor Size AWG/kcmil	Ampacity		
	60 °C	75 °C	90 °C
14	15*	15*	15*
12	20*	20*	20*
10	30*	30*	30*
8	40	50	55
6	55	65	75
4	70	85	95
2	95	115	130

NEC Table 310.15(B)(16) (formerly Table 310.16) Allowable Ampacities of Insulated Conductors Rated Up to and Including 2000 Volts, 60 °C Through 90 °C (140 °F Through 194 °F), Not More Than Three Current-Carrying Conductors in Raceway, Cable, or Earth (Directly Buried), Based on Ambient Temperature of 30 °C (86 °F).*

*Reference to 240.4(D) for conductor overcurrent protection limitations.

In accordance with NEC, the ampacity shall be reduced by the following factor, if the neutral is considered a current-carrying conductor.

Number of Conductors	Percent of Values in Table 310.15(B)(16) as Adjusted for Ambient Temperature if Necessary
4	0.8

Tables are based on Table 310.15(B)(3)(a) Adjustment Factors for More Than Three Current-Carrying Conductors in a Raceway or Cable Three Current-Carrying Conductors in a Raceway or Cable.

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