

TABLE 2.B
MAXIMUM AMPERAGE FOR COMMON WIRE SIZES
PER CANADIAN ELECTRICAL CODE (CEC) - CANADA

Temperature Rating	Copper			Wire Size	Aluminum or Copper Clad Aluminum		
	60°C	75°C	90°C		60°C	75°C	85-90°C
	15	15	15	14			
	20	20	20	12	15	15	15
	30	30	30	10	25	25	25
	40	45	45	8	30	30	30
	55*	65	65	6	40	50	55*
	70	85	85	4	55	65	65
	80	100	105	3	65	75	75
	100	115	120	2	75	90	95#
	110	130	140	1	85	100	105
	125	150	155	1/0	100	120	120
	145	175	185	2/0	115	135	145
	165	200	210	3/0	130	155	165
	195	230	235	4/0	155	180	185
				250 MCM	170	205	215

- Note: 1. *60 amps permitted for house services and subservices.
2. # 100 amps permitted for house services and subservices.
3. Tables based on 30°C (86°F) ambient temperatures, maximum.
4. Tables based on not more than 3 conductors in cables.
5. Several variations and exceptions exist for these general rules.
6. All wire gauges are AWG (American Wire Gauge) except 250 MCM.
7. Wires up to #10 gauge are solid (single strand). Larger wires are multi-strand.