

Allowable Ampacities Of Insulated Copper 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).
- NEC table 310

Conductor Size (AWG/KCMIL)	60°C/140°F TW, UF	75°C/167°F RHW, THHW, THW, THWN, XHHW, USE, ZW	90°C/194°F TBS, SA, SIS, FEP, FEPB, MI, RHH, RHW-2, THHN, THHW, THW-2, THWN-2, XHH, XHHW, XHHW-2, USE-2, ZW
18	-	-	14
16	-	-	18
14*	15	20	25
12*	20	35	30
10*	30	45	40
8	40	50	55
6	55	65	75
4	70	85	95
3	85	100	115
2	95	115	130
1	110	130	145
1/0	125	150	170
2/0	145	175	195
3/0	165	200	225
4/0	195	230	260
250	215	255	290
300	240	285	320
350	260	310	350
400	280	335	380
500	320	380	430
600	350	420	475
700	385	460	520
750	400	475	535
800	410	490	555
900	435	520	585
1000	455	545	615