

# CU BUILDING WIRE AMPACITIES

## Copper

Ampacities of Insulated Conductors Rated 0-2000 Volts, 60 - 250  
Single Conductors in Free Air, Based on Ambient Temperature of 30

Size (AWG or kcmil)	75 C	
	THWN XHHW RHW USE	THHN ZHHW RHH
14	30	35
12	35	40
10	50	55
8	70	80
6	95	105
4	125	140
3	145	165
2	170	190
1	195	220
0	230	260
00	265	300
000	310	350
0000	360	405
250	405	455
300	445	505
350	505	570
400	545	615
500	620	700
600	690	780
700	755	855
750	785	885
800	815	920
900	870	985
1000	935	1055
1250	1065	1200
1500	1175	1325
1750	1280	1445
2000	1385	1560

## Copper

Ampacities of Insulated Conductors Rated 0-2000 Volts, 60 - 250  
Not More Than Three Conductors In Raceway, Cable or Earth, Based on Ambient Temperature of 30

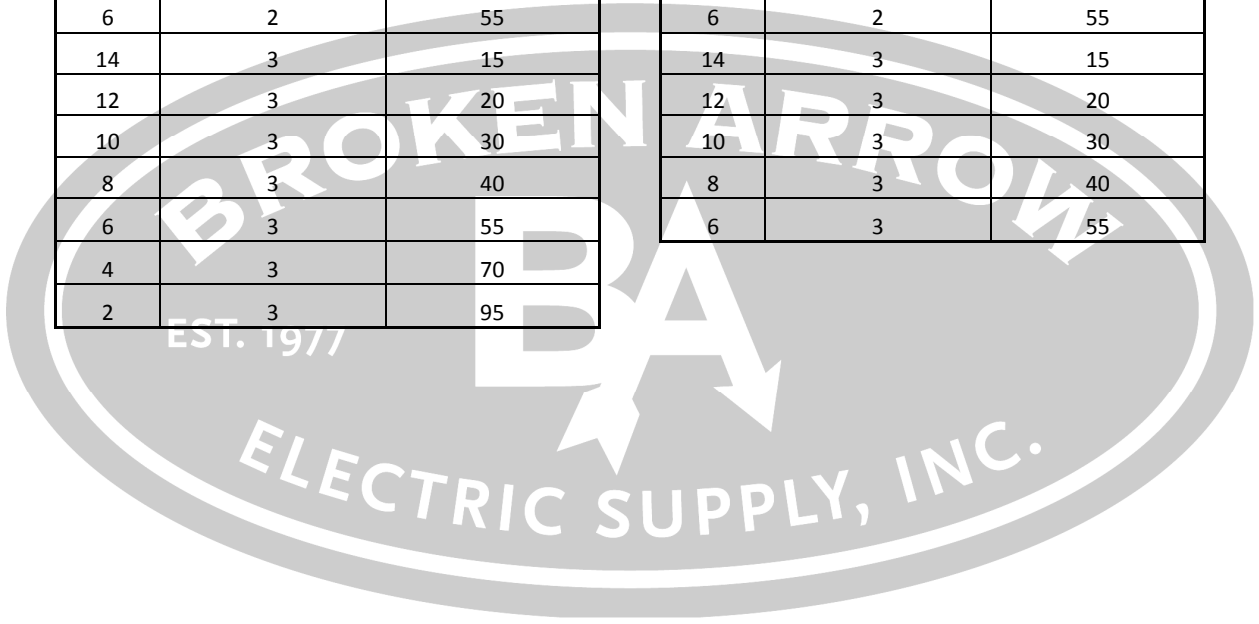
Size (AWG or kcmil)	75 C		90 C
	THWN XHHW RHW USE	THHN ZHHW RHH	THHN ZHHW RHH
14	20		25
12	25		30
10	35		40
8	50		55
6	65		75
4	85		95
3	100		110
2	115		130
1	130		150
0	150		170
00	175		195
000	200		225
0000	230		260
250	255		290
300	285		320
350	310		350
400	335		380
500	380		430
600	420		475
700	460		520
750	475		535
800	490		555
900	520		585
1000	545		615
1250	590		665
1500	625		705
1750	650		735
2000	665		750

### NM-B

Conductor		
(AWG)	# Conductors in Cable	Allowable Ampacity
14	2	15
12	2	20
10	2	30
8	2	40
6	2	55
14	3	15
12	3	20
10	3	30
8	3	40
6	3	55
4	3	70
2	3	95

### UF-B

Conductor		
(AWG)	# Conductors in Cable	Allowable Ampacity
14	2	15
12	2	20
10	2	30
8	2	40
6	2	55
14	3	15
12	3	20
10	3	30
8	3	40
6	3	55



Option 4