

## Conduit & Wire Circuit Weights – THHN CU

Circuit Amps		Circuit		LBS. PER FOOT					
AMP	Sets	Conductors	C	PVC	ALUM	EMT	IMC	GRC	GRC/PVC
20	1	5 - #12	1/2"	.30	.40	.40	.70	.90	1.00
30	1	5 - #10	1/2"	.35	.50	.50	.80	1.00	1.10
50	1	4 - #8, #10G	3/4"	.50	.70	.75	1.10	1.40	1.50
60	1	4 - #6, #10G	1"	.75	1.00	1.10	1.60	2.00	2.10
80	1	4 - #4, #8G	1 1/4"	1.15	1.40	1.65	2.20	2.75	2.90
100	1	4 - #3, #8G	1 1/4"	1.30	1.55	1.77	2.30	2.90	3.00
110	1	4 - #2, #6	1 1/4"	1.50	1.75	2.00	2.55	3.10	3.20
125	1	4 - #1, #6G	1 1/2"	1.85	2.20	2.40	3.10	3.85	3.90
150	1	4 - 1/0, #6G	1 1/2"	2.15	2.50	2.70	3.40	4.10	4.20
175	1	4 - 2/0, #6G	2"	2.70	3.15	3.35	4.35	5.40	5.60
200	1	4 - 3/0, #6G	2"	3.15	3.60	3.80	4.80	5.85	6.10
225	1	4 - 4/0, #4G	2"	3.80	4.20	4.43	5.45	6.45	6.70
250	1	4 - 250, #4G	2 1/2"	4.75	5.45	5.70	7.55	9.05	9.10
300	1	4 - 350, #4G	2 1/2"	6.00	6.75	7.00	8.85	10.35	10.40
	2	4 - 1/0, #4G	1 1/2"	4.40	5.10	5.50	6.90	8.35	8.50
350	1	4 - 500, #3G	3"	8.35	9.30	9.40	11.75	13.90	14.05
	2	4 - 2/0, #3G	2"	5.55	6.45	6.90	9.00	10.95	11.40
400	1	4 - 600, #3G	3 1/2"	10.00	11.10	11.80	13.90	16.70	17.30
	2	4 - 3/0, #3G	2"	6.50	7.40	7.80	10.00	11.85	12.30
450	2	4 - 4/0, #2G	2 1/2"	8.55	10.00	10.50	14.20	17.20	17.40
	3	4 - 1/0, #2G	2"	7.40	8.75	9.40	12.40	15.50	16.20
500	2	4 - 250, #2G	2 1/2"	9.60	11.00	11.60	15.30	18.30	18.40
	3	4 - 2/0, #2G	2 1/2"	9.75	11.90	12.70	18.25	22.70	22.95
600	2	4 - 350, #1G	3"	13.00	14.90	15.20	19.85	24.20	24.50
	3	4 - 3/0, #1G	2"	10.00	11.40	12.00	15.10	18.10	18.80
700	2	4 - 500, 1/0G	3 1/2"	17.70	19.90	21.30	25.45	31.10	32.30
	3	4 - 250, 1/0G	2 1/2"	14.80	16.95	17.75	23.35	27.80	28.00
800	2	4 - 600, 1/0G	3 1/2"	20.30	22.55	23.90	28.10	33.75	34.95
	3	4 - 300, 1/0G	3"	17.85	20.65	21.05	28.05	34.55	34.95
1000	3	4 - 400, 2/0G	3"	22.00	24.75	25.20	32.20	38.70	39.10
	4	4 - 250, 2/0G	2 1/2"	20.10	23.00	24.00	31.50	37.45	37.70
1200	3	4 - 600, 3/0G	3 1/2"	31.10	34.40	36.50	42.75	51.20	53.05
	4	4 - 350, 3/0G	3"	27.20	30.90	31.45	40.80	49.50	50.00
1600	4	4 - 600, 4/0G	3 1/2"	42.00	46.50	49.25	57.55	68.90	71.30
	6	4 - 300, 4/0G	3"	37.75	43.30	44.15	58.15	71.20	72.00
2000	5	4 - 600, 250G	3 1/2"	53.20	58.80	62.20	72.60	86.70	89.80
	6	4 - 400, 250G	3"	46.25	51.85	52.70	66.65	79.70	80.55
2500	6	4 - 600, 350G	3 1/2"	65.80	72.45	76.60	89.00	106.00	109.70
	7	4 - 500, 350G	3 1/2"	67.45	75.20	80.05	94.60	114.35	118.70
3000	8	4 - 500, 400G	3 1/2"	78.35	87.25	92.75	109.40	131.95	139.90
	9	4 - 400, 400G	3"	73.75	82.10	83.40	104.40	124.00	125.20
4000	10	4 - 600, 500G	4"	117.80	130.90	135.00	164.20	196.00	201.50
	12	4 - 400, 500G	3 1/2"	106.00	119.40	127.60	152.60	186.40	194.00

**Chart Notes:**

1. Weights are approximate
2. Weights are per foot.
3. Feeders with more than one set of conductors, weight listed is per foot for the multiple sets.