

12 GAGE - TRANSFORMER TAP CHART

NOTE: The distance of wire is calculated from the transformer to the first connection point ONLY.

NOTE: #12-2 wire is rated for a maximum of 20 amps and 240 watts. Do not sure more then 80% or 192 watts or 16 amps.

Watts	20	40	60	80	100	120	140	160	180	192
Amps	1.7	3.3	5.0	6.7	8.3	10.0	11.7	13.3	15.0	16.0
Distance	Tap	Tap	Tap	Tap	Tap	Tap	Tap	Tap	Tap	Tap
25	12	12	12	13	13	13	13	13	13	13
50	12	13	13	13	13	14	14	14	14	15
75	12	13	13	14	14	14	15	15	16	16
100	13	13	14	14	15	15	16	16	17	17
125	13	13	14	15	15	16	17	17	18	18
150	13	14	14	15	16	17	18	18	19	20
175	13	14	15	16	17	18	19	20	21	21
200	13	14	15	16	17	18	20	21	22	
225	13	14	16	17	18	19	21	22		
250	13	15	16	17	19	20	21			
275	13	15	16	18	19	21	22			
300	14	15	17	18	20					

10 GAGE - TRANSFORMER TAP CHART

NOTE: The distance of wire is calculated from the transformer to the first connection point ONLY.

NOTE: #10-2 wire is rated for a maximum of 30 amps and 360 watts. Do not sure more then 80% or 288 watts or 24 amps.

Watts	18	35	70	105	140	175	210	245	280	
Amps	1.5	2.9	5.8	8.8	11.7	14.6	17.5	20.4		
Distance	Tap	Tap	Tap	Tap	Tap	Tap	Tap	Tap	Tap	Tap
25	12	12	12	13	13	13	13	13	13	13
50	12	12	13	13	13	14	14	14	15	15
75	12	13	13	13	14	14	15	15	16	16
100	12	13	13	14	15	15	16	16	17	17
125	12	13	14	14	15	16	17	18	18	19
150	13	13	14	15	16	17	18	19	20	20
175	13	13	14	15	16	18	20	21	22	22
200	13	13	15	16	17	18	20	21	22	22
225	13	13	15	16	18	19	21	22		
250	13	14	15	17	18	20	22			
275	13	14	16	17	19	21	22			
300	13	14	16	18	20	22				