

Loading Capacity

101 Series Snake Tray			Cable Fill (50% fill)** - CAT			Support Span Lbs/Ft (max)			
Part Number	Height x Width	Area (in ²)	5e Cables*	6 Cables*	6A Cables*	4'-0"	5'-0"	6'-0"	8'-0"
CM 101-3-8	3 ½" x 3"	10.5	188	80	77	14	101 Series Snake Tray is a direct floor mount tray continually supported system, span weights are not applicable		
CM 101-6-8	3 ½" x 6"	21	375	215	154	27			
CM 101-12-8	3 ½" x 12"	42	750	430	309	54			
CM 101-18-8	4" x 18"	72	1286	740	529	93			
CM 101-12-8-LS	2 ½" x 12"	30	536	280	221	39			
CM 101-18-8-LS	2 ½" x 18"	45	804	460	331	58			
201 Series Snake Tray									
CM 201-24-8	2" x 4"	8	114	82	59	16	13	11	***
CM 201-3-8	3" x 3"	9	129	92	66	19	15	12	***
CM 201-425-8	4 ¼" x 4 ¼"	18	257	185	132	37	30	24	***
CM 201-6-8	4" x 6"	24	343	250	176	49	39	32	***
CM 201-425D-8	(2X) 4 ¼" x 4 ¼"	36	514	370	265	74	59	47	***
CM 201-5D-8	(2X) 5" x 5"	50	714	510	368	103	82	66	***
401 Series Snake Race									
CM 401-2-8	1 ½" x 2"	3	43	30	22	6	5	4	***
CM 401-3-8	2 ½" x 3"	7.5	107	75	55	15	12	10	***
CM 401-4-8	3 ½" x 4"	14	206	145	106	28	23	18	***
454 Series Universal Snake Tray									
CM 454-2-8	2"	6.3	44	30	23	6	5	4	***
CM 454-4-8	4"	12.5	180	120	90	26	20	16	***
CM 454-6-8	6"	28	403	288	200	58	46	35	***
501 Series Wall Snake Tray									
CM 501-2-8	2" x 2"	4	57	40	29	12	10	8	***
CM 501-3-8	3" x 3"	9	129	92	66	22	18	14	***
CM 501-5-8	5" x 5"	25	357	255	184	51	41	33	***
CM 501-6-8	6" x 6"	36	514	367	265	74	59	47	***
801 Series Mega Snake Tray									
CM 801-2-6-10	2" x 6"	12	171	125	88	74	63	50	27
CM 801-2-12-10	2" x 12"	24	343	250	176	81	70	56	31
CM 801-2-18-10	2" x 18"	36	514	375	265	90	78	62	35
CM 801-2-24-10	2" x 24"	48	686	490	353	101	88	70	39
CM 801-4-6-10	4" x 6"	24	343	250	176	108	93	75	42
CM 801-4-12-10	4" x 12"	48	686	490	353	138	120	96	54
CM 801-4-18-10	4" x 18"	72	1029	735	529	144	125	100	56
CM 801-4-24-10	4" x 24"	96	1371	980	706	150	130	104	58
CM 801-6-12-10	6" x 12"	72	1029	720	529	147	128	102	57
CM 801-6-18-10	6" x 18"	108	1543	1100	794	150	130	104	58
CM 801-6-24-10	6" x 24"	144	2057	1470	1059	184	160	128	72

* CAT5e 4 pair PL approximated at .19 in² in diameter, CAT 6 4 pair PL cable approximated at .25 in² in diameter and CAT 6A 4 pair PL approximated at .30 in²

** Allowable fill ratios are based on the NEC rule that the cross sectional area of all the cable installed in the cable tray not exceed 50% of the cross sectional area of the cable tray (width x depth). TIA suggests a 40% fill ratio.

*** Snake Tray series 201, 401, 454 and 501 are recommended to be supported every four (4) feet. However larger spans can be accommodated.

**** Mega Snake series 801 are recommended to be supported every five (5) feet. However larger spans can be accommodated.

Snake Tray® products are covered by one or more of the following patents: #6637704, #6637165, #6463704, #6460812, #6449912, #6361000, #6347493, #6019323, #6347493, #6449912, #6460812, #5953870, #5839702, #6926236, #7168212, #7959019. Foreign Patents: Australia #737813, #748160, #749488, #776643, #776644. Canada #2251732, #2319624, #2303081, #2396792. Japan #3723224. Mexico #204995, #229386, #220889. Europe #1012938, 1012937. Other Patents Pending.