**Loading Capacity for Snake Tray**®**, Snake Canyon**® **& Mega Snake**®

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| --- | --- | --- |
| Snake Tray | Cable Fill (50% fill)\*\* - CAT | Support Span Lbs/Ft (max) |
| Part Number | Height x Width | Area (in2) | 5e Cables\* | 6 Cables\* | 6A Cables\* | 4'-0" | 5'-0" | 6'-0" | 8'-0" |
| CM101-3-8 | 3 ½" x 3" | 10.5 | 188 | 80 | 77 | 14101 Series Snake Tray is a direct floor mount tray continually supported system, span weights are not applicable |
| CM101-6-8 | 3 ½" x 6" | 21 | 375 | 215 | 154 | 27 |
| CM101-12-8 | 3 ½" x 12" | 42 | 750 | 430 | 309 | 54 |
| CM101-18-8 | 4" x 18" | 72 | 1286 | 740 | 529 | 93 |
| CM101-12-8-LS | 2 ½" x 12" | 30 | 536 | 280 | 221 | 39 |
| CM101-18-8-LS | 2 ½" x 18" | 45 | 804 | 460 | 331 | 58 |
| CM201-24-8 | 2" x 4" | 8 | 114 | 82 | 59 | 16 | 13 | 11 | \*\*\* |
| CM201-3-8 | 3" x 3" | 9 | 129 | 92 | 66 | 19 | 15 | 12 | \*\*\* |
| CM201-425-8 | 4 ¼" x 4 ¼" | 18 | 257 | 185 | 132 | 37 | 30 | 24 | \*\*\* |
| CM201-6-8 | 4" x 6" | 24 | 343 | 250 | 176 | 49 | 39 | 32 | \*\*\* |
| CM201-425D-8 | (2X) 4 ¼" x 4 ¼" | 36 | 514 | 370 | 265 | 74 | 59 | 47 | \*\*\* |
| CM201-5D-8 | (2X) 5" x 5" | 50 | 714 | 510 | 368 | 103 | 82 | 66 | \*\*\* |
| CM301-2-X | 2" x 23" | 46 | 597 | 470 | 301 | 43301 Series Snake Canyon is a continually supported system, that can only be installed in 2' sections |
| CM301-4-X | 4" x 23" | 92 | 1195 | 940 | 601 | 86 |
| CM301-6-X | 6" x 23" | 138 | 1792 | 1400 | 902 | 129 |
| CM301-8-X | 8" x 23" | 184 | 2390 | 1880 | 1203 | 172 |
| CM301-12-X | 12" x 23" | 276 | 3584 | 2820 | 1804 | 258 |
| CM401-2-8 | 1 ½" x 2" | 3 | 43 | 30 | 22 | 6 | 5 | 4 | \*\*\* |
| CM401-3-8 | 2 ½" x 3" | 7.5 | 107 | 75 | 55 | 15 | 12 | 10 | \*\*\* |
| CM401-4-8 | 3 ½" x 4" | 14 | 206 | 145 | 106 | 28 | 23 | 18 | \*\*\* |
| CM501-2-8 | 2" x 2" | 4 | 57 | 40 | 29 | 12 | 10 | 8 | \*\*\* |
| CM501-3-8 | 3" x 3" | 9 | 129 | 92 | 66 | 22 | 18 | 14 | \*\*\* |
| CM501-5-8 | 5" x 5" | 25 | 357 | 255 | 184 | 51 | 41 | 33 | \*\*\* |
| CM501-6-8 | 6" x 6" | 36 | 514 | 367 | 265 | 74 | 59 | 47 | \*\*\* |
| CM801-2-12-10 | 2" x 12" | 24 | 343 | 245 | 176 | 81 | 70 | 56 | 31 |
| CM801-2-18-10 | 2" x 18" | 36 | 514 | 367 | 265 | 90 | 78 | 62 | 35 |
| CM801-2-24-10 | 2" x 24" | 48 | 686 | 440 | 353 | 101 | 88 | 70 | 39 |
| CM801-4-12-10 | 4" x 12" | 48 | 686 | 440 | 353 | 138 | 120 | 96 | 54 |
| CM801-4-18-10 | 4" x 18" | 72 | 1029 | 750 |  529 | 144 | 125 | 100 | 56 |
| CM801-4-24-10 | 4" x 24" | 96 | 1371 | 980 | 706 | 150 | 130 | 104 | 58 |
| CM801-6-12-10 | 6" x 12" | 72 | 1029 | 670 | 529 | 147 | 128 | 102 | 57 |
| CM801-6-18-10 | 6" x 18" | 108 | 1543 | 1100 | 794 | 150 | 130 | 104 | 58 |
| CM801-6-24-10 | 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 in 2 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 and 501 are recommended to be supported every four (4) feet.
 However larger spans can be accommodated.