

Snake Canyon[®] Solutions



MODULAR CABLE TRAY FOR ACCESS FLOORS



Snake Canyon®

Drop-in Snake Canyon® and cut your labor costs by half!

Snake Canyon has revolutionized the way cable can be installed in computer access floors. This modular cable tray system instantly integrates with the existing structural elements of an access floor to create the fastest to install under-floor cable tray.

One-piece drop-in cable tray module

- As little as one tenth the labor to install when compared to other methods
- No additional hardware or mounting legs required to buy, engineer, or ship
- Trays interface with ALL 2' x 2' access floor grids, and can be installed at any location
- Trays integrate with floor for strength and durability
- Maintains proper air flow under the floor
- Brings cable plant to the surface for easy access

Snake Canyon can be installed in any floor style, including stringer less floors

- Universal solution for all access floors systems

Snake Canyon integrates with the access floor structure

- Creates a new cable path above supplementary utilities

Installation requires no complicated hardware or techniques

- No specialized labor or tools are required to install Snake Canyon

Trays can be relocated and reused

- Can easily reconfigure to accommodate any future design plans

Creates ergonomic cable pathway for safe and easy access

- Less wear and tear on installers, and easy access to the cable

Half baskets and turning components available

- Trays can be easily configured for any cable plan

Superior Finishes

- Snake Tray's unique mechanically applied galvanizing process eliminates the growth of zinc whiskers
- Stainless Steel and Powder Coating also available for all trays

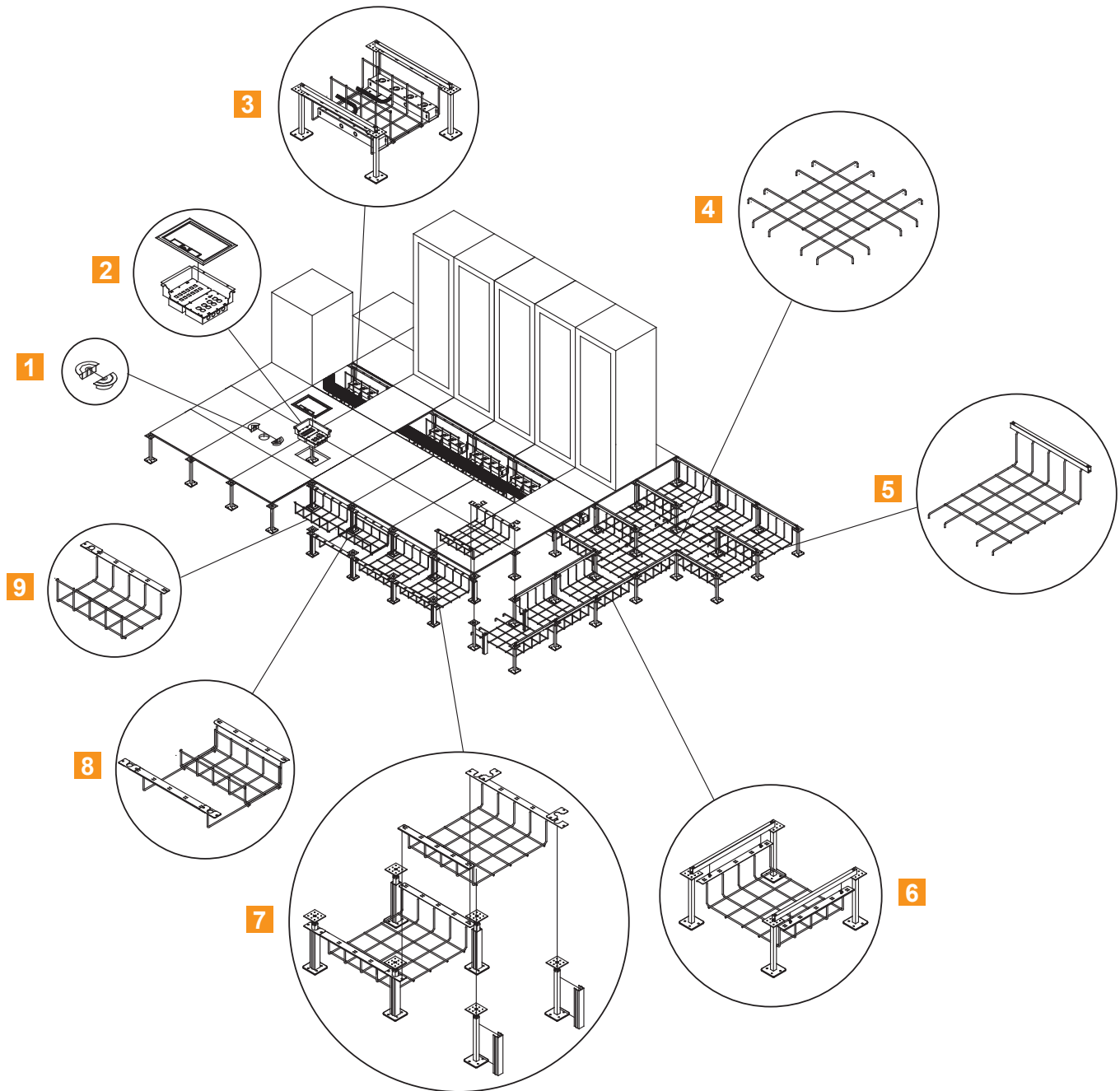
Quality and Service

- Snake Tray ships from inventory the day it is ordered
- Customer service available 24 hours
- UL Classified
- EIA/TIA and NEC Compliant
- Made in the USA

Complies with floor manufacturer's warranties



Call the Snake Tray engineering team to assist you with the creation of cable management or power distribution designs, drawing sets, bill of materials, submittals, BIM and Revit® support.



1 Snake Air airflow manager blocks air from escaping under access floors. (pg 96)

2 Snake Box modular floor box contains both data and electrical receptacles. (pg 78)

3 Power Snake Canyon provides the cable tray and electrical receptacles in one easy-to-install module. (pg 40)

4 Crossing Grid creates 4-way intersections for trouble-free cable management.

5 Turning Component allows for effortless changes in direction and parallel pathways.

6 Cam-Loc Snake Canyon installs in seconds by attaching to existing floor stringer with simple twist lock cams.

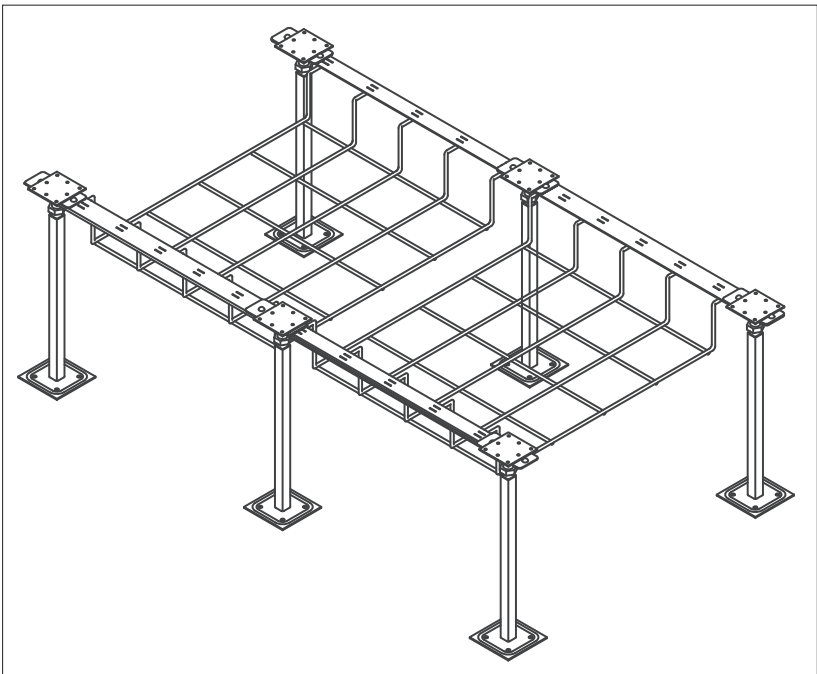
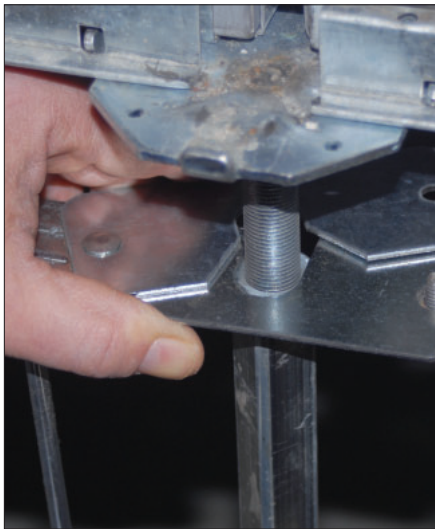
7 Latch-Loc Snake Canyon installs in seconds to the access floor by latching onto the floor pedestal or the threaded rod adjuster.

8 Half Section Snake Canyon provides easy access to utilities below the cable path.

9 Cantilever Snake Canyon maintains access to existing systems below and allows for stacking the pathways.

301 Series Snake Canyon® Latch-Loc

Snake Canyon Latch-Loc quickly installs to a computer access floor by latching onto the floor pedestal above the height adjuster nut. Snake Canyon's Latch-Loc all-in-one piece design instantly gives you a high capacity cable path that can hold close to 3000 data cables. Snake Canyon Latch-Loc is available in five depths in full or half basket sections and can be utilized with other Snake Canyon models to create bridges where floor tiles are not readily removable.



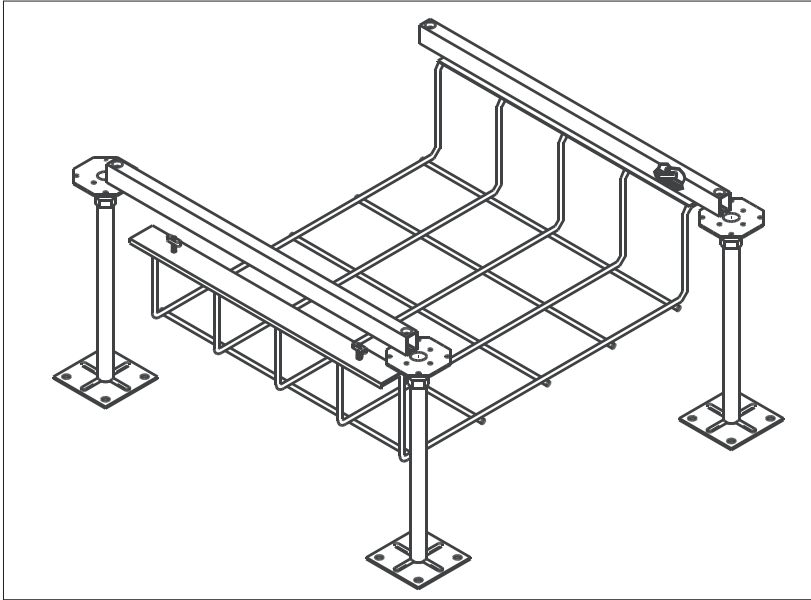
Part Number	Description	Loading Dimensions		Physical Volume	Cable Capacity	Weight	Finish
		Depth	Width				
CM 301-2-A45	2" Deep Latch-Loc ¾" PED	2"	22"	44 si	470	5 ¾ #	G/SS/PC
CM 301-4-A45	4" Deep Latch-Loc ¾" PED	4"	22"	88 si	940	6 #	G/SS/PC
CM 301-6-A45	6" Deep Latch-Loc ¾" PED	6"	22"	132 si	1400	6 ¼ #	G/SS/PC
CM 301-8-A45	8" Deep Latch-Loc ¾" PED	8"	22"	176 si	1880	6 ½ #	G/SS/PC
CM 301-12-A45	12" Deep Latch-Loc ¾" PED	12"	22"	264 si	2820	7 #	G/SS/PC
CM 301-2-A46	2" Deep Latch-Loc 1" PED	2"	22"	44 si	470	5 ¾ #	G/SS/PC
CM 301-4-A46	4" Deep Latch-Loc 1" PED	4"	22"	88 si	940	6 #	G/SS/PC
CM 301-6-A46	6" Deep Latch-Loc 1" PED	6"	22"	132 si	1400	6 ¼ #	G/SS/PC
CM 301-8-A46	8" Deep Latch-Loc 1" PED	8"	22"	176 si	1880	6 ½ #	G/SS/PC
CM 301-12-A46	12" Deep Latch-Loc 1" PED	12"	22"	264 si	2820	7 #	G/SS/PC

OTHER PEDESTAL BRACKETS SIZES AVAILABLE

CABLE CAPACITY BASED ON 50% FILL AS PER NEC ARTICLE 392.9B 0.25 OD
FINISHES: MECHANICALLY APPLIED GALVANIZED FINISH (G), STAINLESS STEEL (SS), POWDER COATED (PC)
CSI SPECIFICATION ON WEBSITE AT WWW.SNAKETRAY.COM

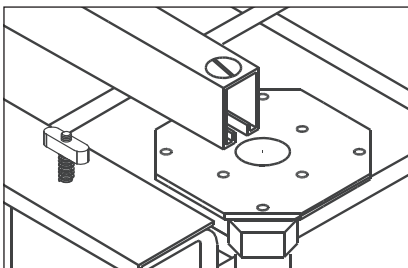
301 Series Snake Canyon® Cam-Loc

Use on any general installation or where adjacent tiles can not be removed or when bridging under equipment racks and cabinets. Can be used on any access floor stringer type that utilizes an underside channel or open bottom box type design. The spring tensioned cam is inserted inside the stringer through the bottom slot and tightened with an allen key. The tightened cam creates a mechanical connection between the Snake Canyon basket and raised floor stringer. Available in straight sections, turning components and half sections.

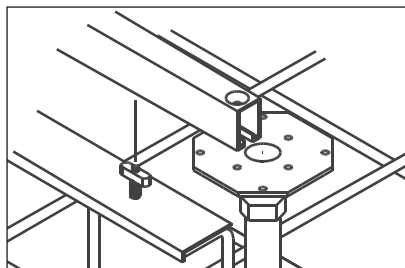


Part Number	Description	Loading Dimensions		Physical Volume	Cable Capacity	Weight	Finish
		Depth	Width				
CM301-2-CAM	2" Deep Snake Canyon Cam-Loc	2"	22"	44 si	470	5 #	G/SS/PC
CM301-4-CAM	4" Deep Snake Canyon Cam-Loc	4"	22"	88 si	940	5 ½ #	G/SS/PC
CM301-6-CAM	6" Deep Snake Canyon Cam-Loc	6"	22"	132 si	1400	5 ¾ #	G/SS/PC
CM301-8-CAM	8" Deep Snake Canyon Cam-Loc	8"	22"	176 si	1880	6 #	G/SS/PC

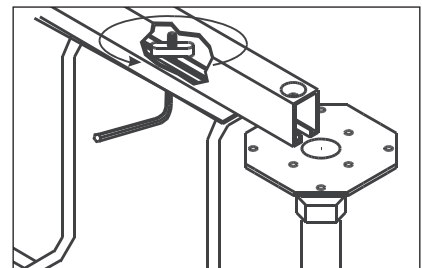
*ADVISE STRINGER TYPE AND/OR DIMENSIONS. ADDITIONAL DEPTHS IN STOCK.



Spring loaded twist cam.



Align twist cam with the opening along the bottom of the stringer and raise basket - inserting cam inside stringer.

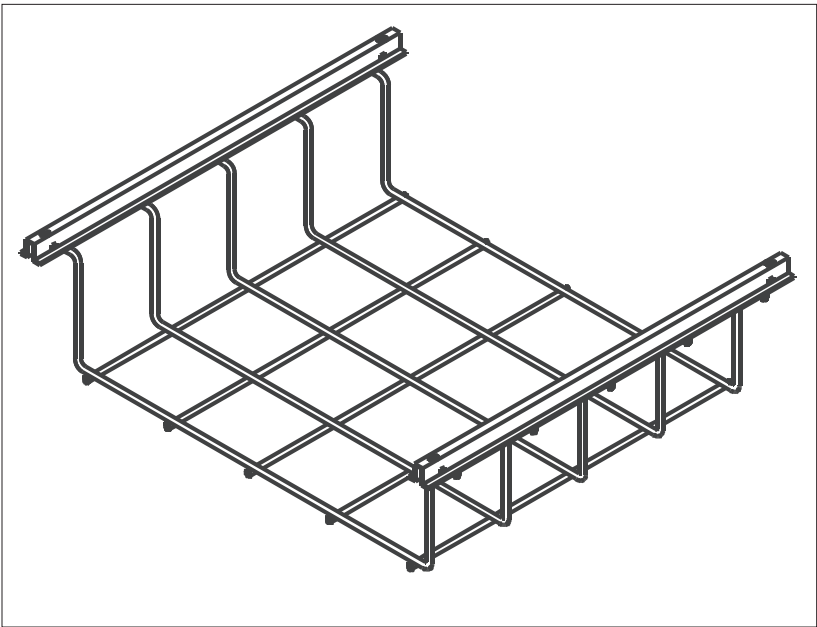


With cam inside stringer, use allen wrench to tighten cam and complete installation.

CABLE CAPACITY BASED ON 50% FILL AS PER NEC ARTICLE 392.9B 0.25 OD
FINISHES: MECHANICALLY APPLIED GALVANIZED FINISH (G), STAINLESS STEEL (SS), POWDER COATED (PC))
CSI SPECIFICATION ON WEBSITE AT WWW.SNAKETRAY.COM

Snake Canyon® Original

Snake Canyon is a modular cable tray system that integrates the structural elements of a raised access floor with a high capacity cable tray into one easy to install drop-in element. When installed the Snake Canyon component becomes an integral part of the floor structure. Simply remove the necessary floor tiles, two parallel stringers, then drop-in the Snake Canyon basket.



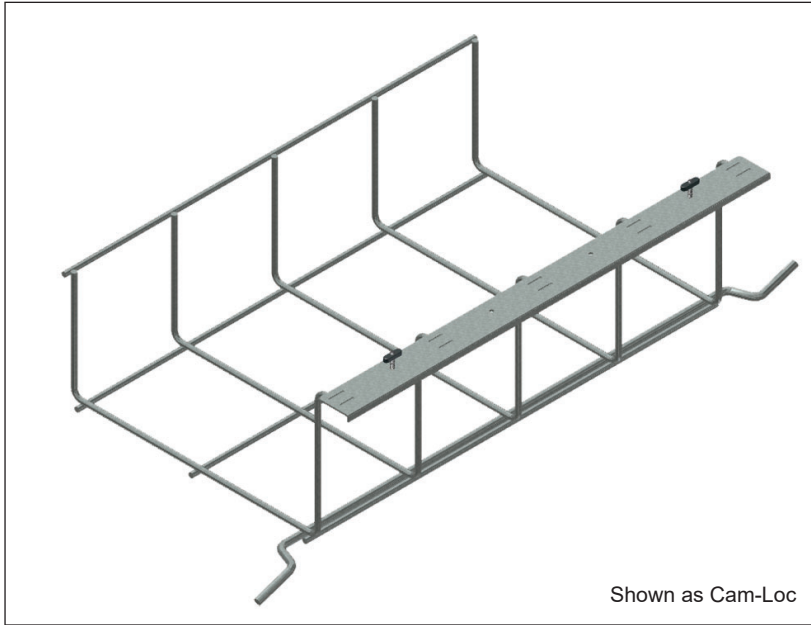
	Part Number	Physical Dimensions	Loading Dimensions		Physical Volume	Cable Capacity	Weight	Finish
		Height/Length/Width	Depth	Width				
	CM 301-2-X	3 3/4" x 24" x 23"	2"	22"	44 si	470	5 3/4 #	G/SS/PC
	CM 301-4-X	5 3/4" x 24" x 23"	4"	22"	88 si	940	6 #	G/SS/PC
	CM 301-6-X	7 3/4" x 24" x 23"	6"	22"	132 si	1400	6 1/4 #	G/SS/PC
	CM 301-8-X	9 3/4" x 24" x 23"	8"	22"	176 si	1880	6 1/2 #	G/SS/PC
	CM 301-12-X	13 3/4" x 24" x 23"	12"	22"	264 si	2820	7 #	G/SS/PC

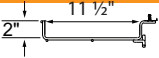
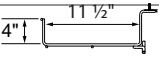
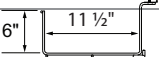
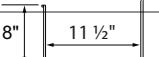

X DENOTES STRINGER TYPE. CABLE CAPACITY BASED ON 50% FILL AS PER NEC ARTICLE 392.9B 0.25 OD
FINISHES: MECHANICALLY APPLIED GALVANIZED FINISH (G), STAINLESS STEEL (SS), POWDER COATED (PC)

* FOR SPECIFIC FLOOR MANUFACTURER STRINGER TYPES CALL 800.308.6788.
CSI SPECIFICATION ON WEBSITE AT WWW.SNAKETRAY.COM

301 Series Snake Canyon® Cantilever

Snake Canyon Cantilever is a great solution when accessibility to multiple layers of cable paths are required under the access floor. Trays can be stacked in order to provide multiple levels. Both Latch-Loc and Cam-Loc are available.



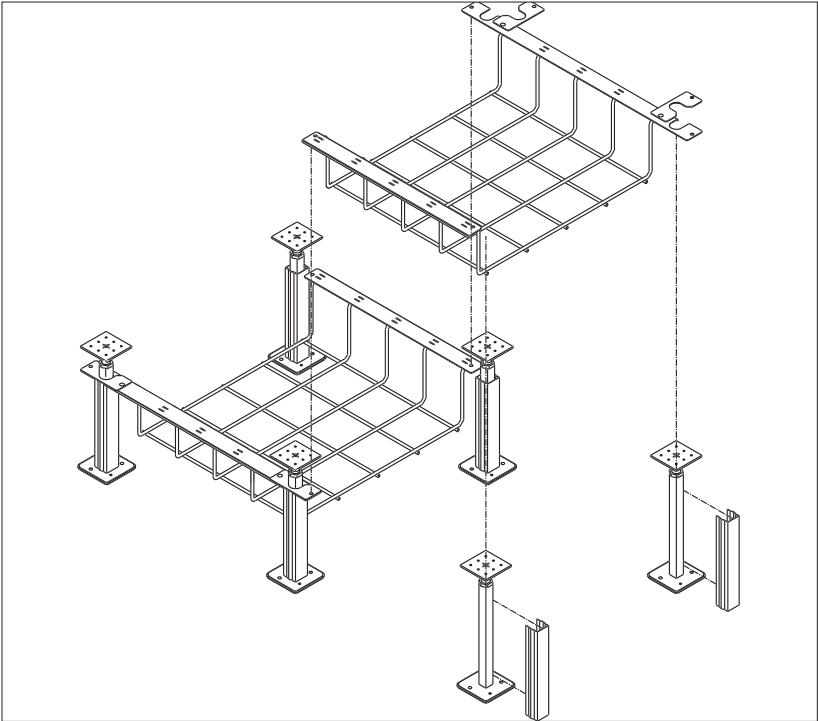
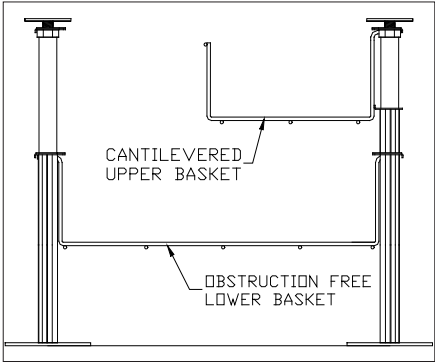
	Part Number	Physical Dimensions	Loading Dimensions		Physical Volume	Cable Capacity	Finish
		Height/Length/Width	Depth	Width			
	CM 301-2-CL-X	2" x 19 1/2" x 11 5/16"	2"	11 1/2"	23 si	235	G/SS/PC
	CM 301-4-CL-X	4" x 19 1/2" x 11 5/16"	4"	11 1/2"	46 si	470	G/SS/PC
	CM 301-6-CL-X	6" x 19 1/2" x 11 5/16"	6"	11 1/2"	69 si	700	G/SS/PC
	CM 301-8-CL-X	8" x 19 1/2" x 11 5/16"	8"	11 1/2"	92 si	940	G/SS/PC
	CM 301-12-CL-X	12" x 19 1/2" x 11 5/16"	12"	11 1/2"	156 si	1410	G/SS/PC

X DENOTES STRINGER TYPE. CABLE CAPACITY BASED ON 50% FILL AS PER NEC ARTICLE 392.9B 0.25 OD
FINISHES: MECHANICALLY APPLIED GALVANIZED FINISH (G), STAINLESS STEEL (SS), POWDER COATED (PC)

* FOR SPECIFIC FLOOR MANUFACTURER STRINGER TYPES CALL 800.308.6788.
CSI SPECIFICATION ON WEBSITE AT WWW.SNAKETRAY.COM

301 Series Snake Canyon® Plus

Snake Canyon Plus is the universal cable tray for under floors that instantly installs to any access floor with an easy snap-on tray support system. No tools or hardware required. Snake Canyon Plus allows for multiple tiers and multiple directions of cable management with divider grids available for the division of technologies. The modular tray design allows for easy changes and retrofits and its quick attaching system positions the cables trays to allow for ample airflow under the access floor.



Cable Tray Modules

Part Number	Description	Loading Dimensions		Physical Volume	Cable Capacity	Weight	Finish
		Depth	Width				
CM 301-2-A50	2" Deep Snake Canyon Plus	2"	22"	44	470	5 ¾ #	G/SS/PC
CM 301-4-A50	4" Deep Snake Canyon Plus	4"	22"	88	940	6 #	G/SS/PC
CM 301-6-A50	6" Deep Snake Canyon Plus	6"	22"	132	1400	6 ¼ #	G/SS/PC
CM 301-8-A50	8" Deep Snake Canyon Plus	8"	22"	176	1880	6 ½ #	G/SS/PC
CM 301-12-A50	12" Deep Snake Canyon Plus	12"	22"	264	2820	7 #	G/SS/PC

CABLE CAPACITY BASED ON 50% FILL AS PER
NEC ARTICLE 392.9B 0.25 OD

FINISHES: MECHANICALLY APPLIED GALVANIZED
FINISH (G), STAINLESS STEEL (SS),
POWDER COATED (PC)

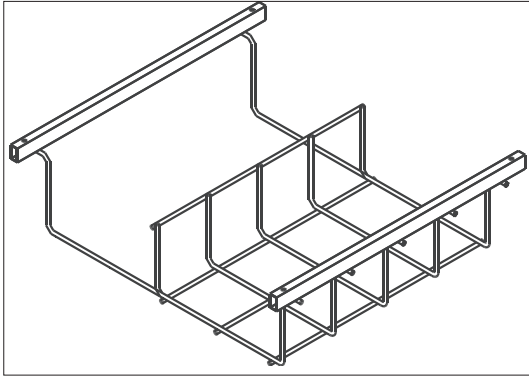
CSI SPECIFICATION ON WEBSITE AT
WWW.SNAKETRAY.COM.

Pedestal Risers

Part Number	Description
A50-XX	1 ¼" Pedestal
A49-XX	1 ½" Pedestal
A51-XX	1 ¾" Pedestal

XX DENOTES HEIGHT OF RISER PER CUSTOMERS SPECIFICATIONS.
RISERS FOR OTHER SIZE AND SHAPE PEDESTALS ARE AVAILABLE.

301 Series Snake Canyon® Half Section



The Snake Canyon Half Section allows for the same quick simple installation, accessibility and large cable capacity as the standard Snake Canyon, but also provides an open area for convenient access to supplementary utilities that may run below the Voice/Data cabling plan. No additional hardware or floor modifications are necessary to complete the installation, and is available in 2", 4", 6", 8" and 12" depths providing up to 86 square inches of cable path. Available in all Snake Canyon models including Cam-Loc, Latch-Loc, Click-In and Snake Canyon Plus.

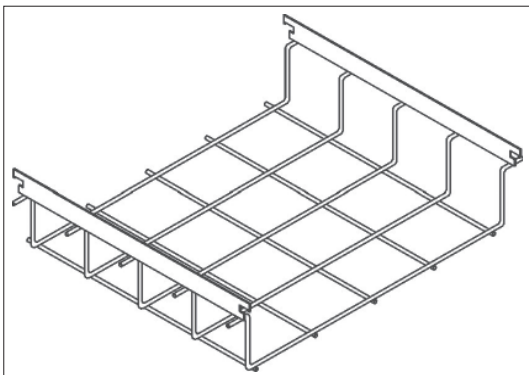
	Part Number	Physical Dimensions	Loading Dimensions		Physical Volume	Cable Capacity	Finish
		Height/Length/Width	Depth	Width			
	CM 301-2-X-HS	3 3/4" x 24" x 23"	2"	10 3/4"	21 1/2 si	220	G/SS/PC
	CM 301-4-X-HS	5 3/4" x 24" x 23"	4"	10 3/4"	43 si	440	G/SS/PC
	CM 301-6-X-HS	7 3/4" x 24" x 23"	6"	10 3/4"	64 1/2 si	670	G/SS/PC
	CM 301-8-X-HS	9 3/4" x 24" x 23"	8"	10 3/4"	86 si	880	G/SS/PC
	CM 301-12-X-HS	13 3/4" x 24" x 23"	12"	10 3/4"	129 si	1320	G/SS/PC

X DENOTES STRINGER TYPE.

CABLE CAPACITY BASED ON 50% FILL AS PER NEC ARTICLE 392.9B 0.25 OD
FINISHES: MECHANICALLY APPLIED GALVANIZED FINISH (G), STAINLESS STEEL (SS), POWDER COATED (PC)

CSI SPECIFICATION ON WEBSITE AT WWW.SNAKETRAY.COM

301 Series Snake Canyon® Click-In

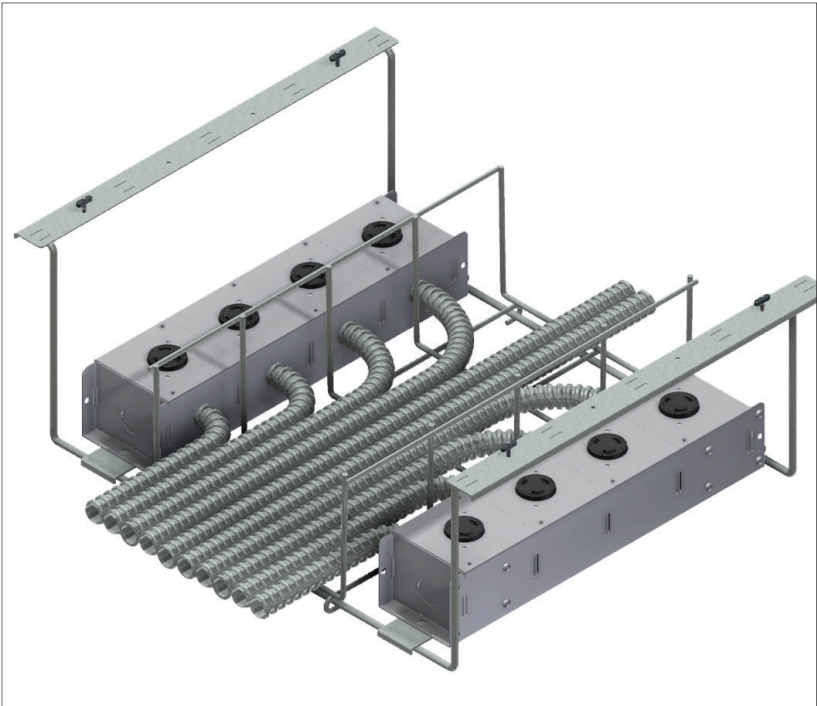
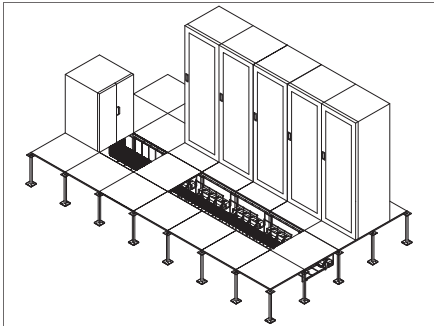


Snake Canyon Click-In simply indexes into the under structure of an AR Interface™ data center floor to offer a high capacity cable path that can hold over 2800 data cables. No tools, hardware or attachments to the floor pedestals required to complete the installation.

Part Number	Description
CM 301-2-A41	2" Deep Snake Canyon Click-In
CM 301-4-A41	4" Deep Snake Canyon Click-In
CM 301-6-A41	6" Deep Snake Canyon Click-In
CM 301-8-A41	8" Deep Snake Canyon Click-In
CM 301-12-A41	12" Deep Snake Canyon Click-In

302 Series Snake Canyon Power®

Snake Canyon Power is an under floor cable tray with an integrated power module. This all-in-one component provides not only a cable or conduit path but also up to 8 pre-installed power receptacles to meet your power needs while reducing electrical construction costs. Available with pre-configured custom length whips. Snake Canyon Power delivers power from the main distribution panel to your enclosures in record time!

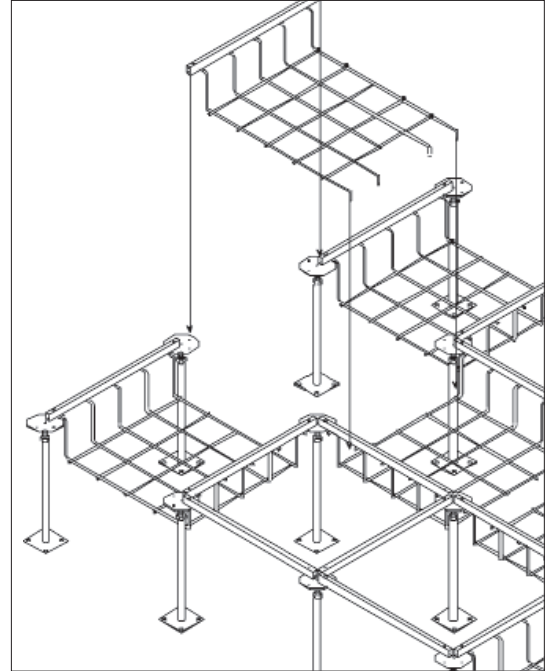
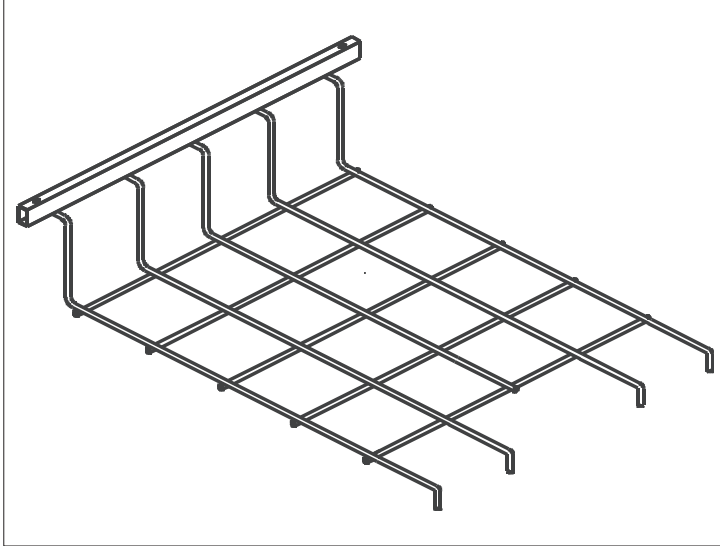


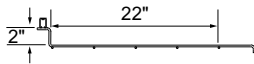
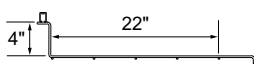
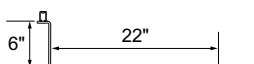
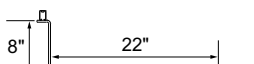

	Part Number	Physical Dimensions	Loading Dimensions		Finish
		Height/Length/Width	Depth	Width	
	CM 302-4-X	5 3/4" x 24" x 23"	4"	10 3/4"	G/SS/PC
	CM 302-6-X	7 3/4" x 24" x 23"	6"	10 3/4"	G/SS/PC
	CM 302-8-X	9 3/4" x 24" x 23"	8"	10 3/4"	G/SS/PC
	CM 302-12-X	13 3/4" x 24" x 23"	12"	10 3/4"	G/SS/PC

X DENOTES STRINGER TYPE.
CABLE CAPACITY BASED ON 50% FILL AS PER NEC ARTICLE 392.9B 0.25 OD
FINISHES: MECHANICALLY APPLIED GALVANIZED FINISH (G), STAINLESS STEEL (SS), POWDER COATED (PC)
* FOR SPECIFIC FLOOR MANUFACTURER STRINGER TYPES CALL 800.308.6788. BUILT TO CUSTOMER'S SPECIFICATIONS.
CSI SPECIFICATION ON WEBSITE AT WWW.SNAKETRAY.COM

301 Series Snake Canyon® Turning Component

Snake Canyon Turning Component is used as an intersection to create a 90° sweep or T in order to maintain the proper bend radius for the cable. Also can be used to create parallel pathways. Turning components are available in 2", 4", 6", 8" and 12" depths providing up to 184 square inches of cable path for up to 3000 data cables.



	Part Number	Physical Dimensions	Loading Dimensions		Physical	Cable	Weight	Finish
		Height/Length/Width	Depth	Width	Volume	Capacity		
	CM 301-2-TC-X	3 3/4" x 24" x 28"	2"	22"	44 si	470	4 3/4 #	G/SS/PC
	CM 301-4-TC-X	5 3/4" x 24" x 28"	4"	22"	88 si	940	5 #	G/SS/PC
	CM 301-6-TC-X	7 3/4" x 24" x 28"	6"	22"	132 si	1400	5 1/4 #	G/SS/PC
	CM 301-8-TC-X	9 3/4" x 24" x 28"	8"	22"	176 si	1880	5 1/2 #	G/SS/PC
	CM 301-12-TC-X	13 3/4" x 24" x 28"	12"	22"	264 si	2820	6 #	G/SS/PC

X DENOTES STRINGER TYPE.

CABLE CAPACITY BASED ON 50% FILL AS PER NEC ARTICLE 392.9B 0.25 OD

FINISHES: MECHANICALLY APPLIED GALVANIZED FINISH (G), STAINLESS STEEL (SS), POWDER COATED (PC)

* FOR SPECIFIC FLOOR MANUFACTURER STRINGER TYPES CALL 800.308.6788. BUILT TO CUSTOMER'S SPECIFICATIONS.

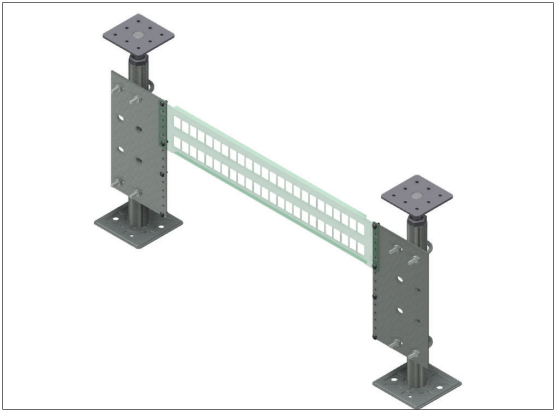
CSI SPECIFICATION ON WEBSITE AT WWW.SNAKETRAY.COM

301 Series Snake Canyon® Accessories

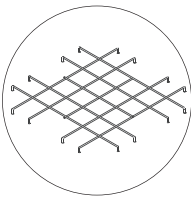
Patch Panel Pedestal Mount Kit

Part Number
CM 708-10-10495-KIT

Allows for structured cabling to be mounted below the raised floor in a code compliant data center. 4 RU capabilities.

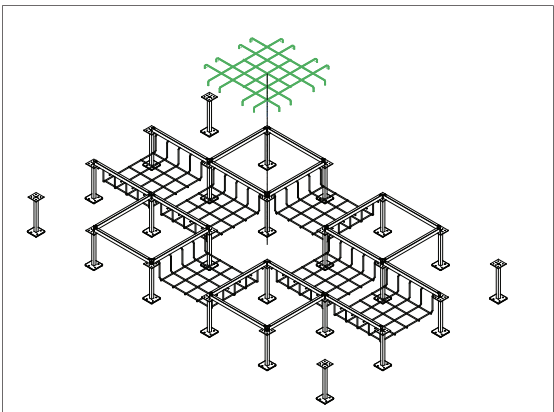


Universal Crossing Grid

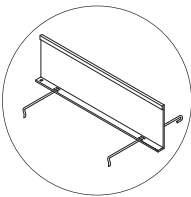


Part Number	Size
CM 301-CG	31" x 31"

Install Snake Canyon Crossing Grids where 4-way intersections are necessary. No additional tools or mounting hardware required to complete installation.

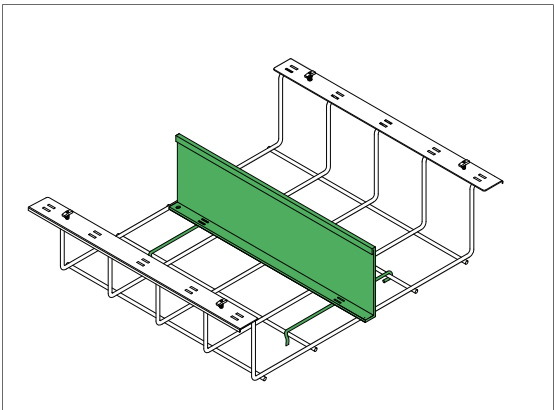


Divider Fence

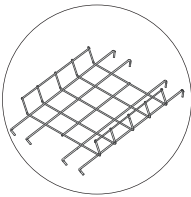


Part Number	Size
CM 301-DG-2	24" L x 2" H
CM 301-DG-4	24" L x 4" H
CM 301-DG-6	24" L x 6" H
CM 301-DG-8	24" L x 8" H
CM 301-DG-12	24" L x 12" H

Divides Snake Canyon modules into separate cable pathways. Easy "Snap-in" design. Additional sizes available.

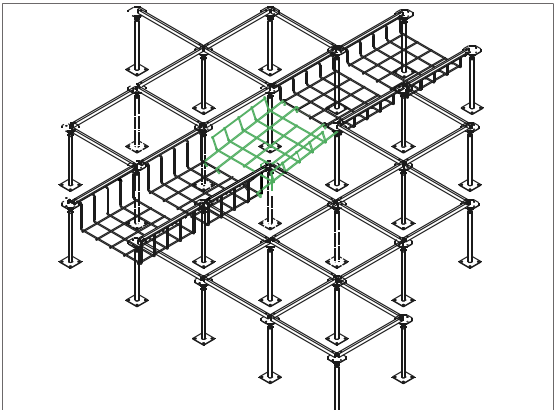


Transition Component

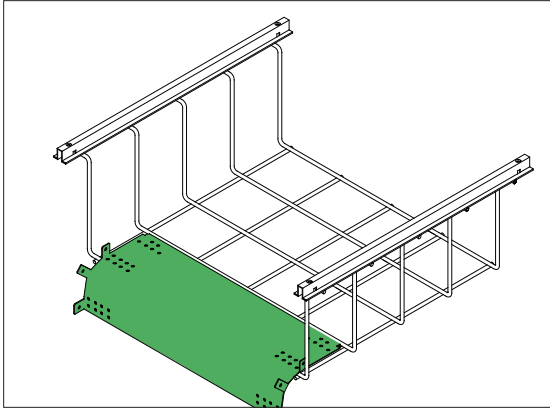


Part Number	Size
CM 301-TR	23" W x 31" L

Transition Components provide continuous support for cable when transitioning from two different depth Snake Canyon modules.



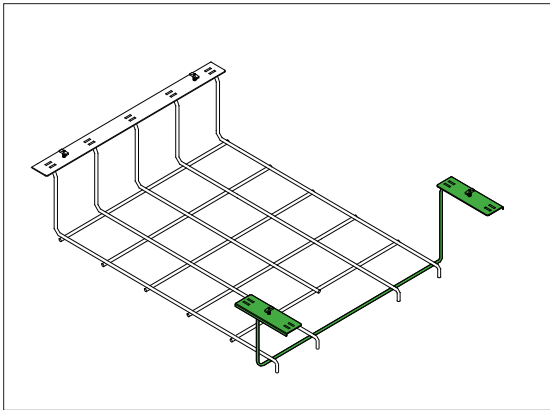
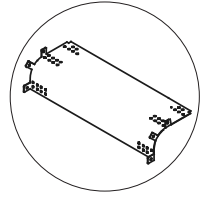
301 Series Snake Canyon® Accessories



Cable Drop Out

Part Number	Size
CM 301-TO	22" x 7"

Continuous drop out for both straight sections and turning components. Provides a smooth transition for cables when exiting the tray. Maintains a consistent 4" radius eliminating kinked cables. Easily attaches to tray with cable ties.

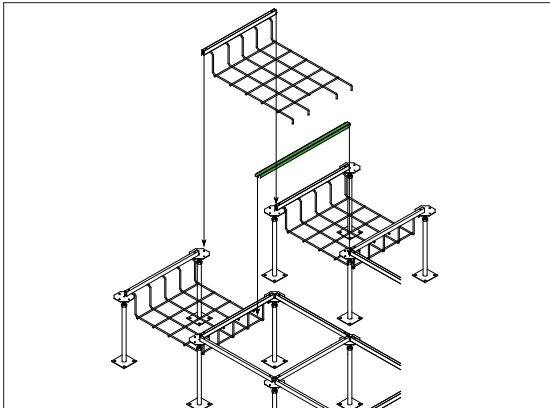
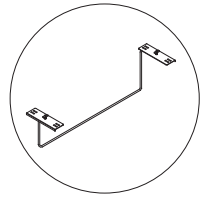


Cam-Loc Turning Component Bridge Support

Part Number
CM 301-X-TCS-CAM

Install Snake Canyon Crossing Grids where 4-way intersections are necessary. No additional tools or mounting hardware required to complete installation.

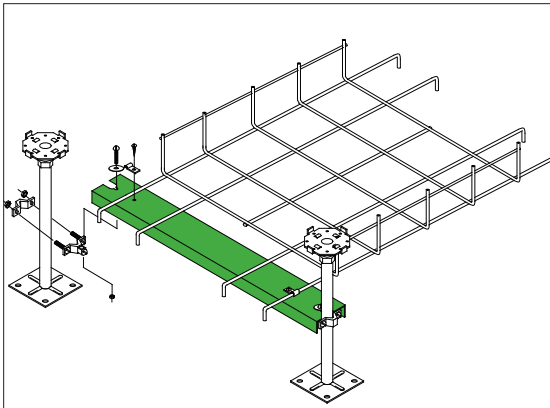
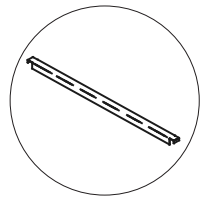
X DENOTES DEPTH



Bridge Support

Part Number	Size
CM 301-TS-2	29 1/2" x 1"
CM 301-TS-4	53 1/2" x 1"

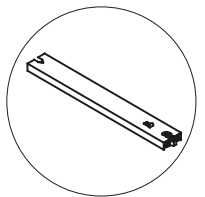
Used to create a support bridge for turning components, transition components and/or crossing grids. Interfaces with adjacent snake canyon baskets.



Pedestal Mount Bridge

Part Number	Size
CM 301-TRCB	25" x 3 1/4"

Used to create a support bridge for turning components, transition components and/or crossing grids. Interfaces with adjacent floor pedestals.





THE SNAKE TRAY ADVANTAGE

Snake Tray has revolutionized cable management, power distribution and enclosures with a variety of innovative products designed to install quickly, reduce labor and material costs, and significantly drive down the total cost of construction. All of our products are made in the USA and stocked throughout the USA to ship on time for our customers. Our engineers and sales teams stand ready to assist you with take offs, bill of materials and product solutions. Call us at 800-308-6788 to discuss your next project.



Snake Tray® Headquarters
291 Skip Lane | Bay Shore NY 11706 | USA
T: 800-308-6788 | 631-674-0004
Regional Operations: Chicago | Dallas | Reno
www.snaketray.com | MADE IN USA

Document No. MKTG-0236 | February 2021 | © 2021 Snake Tray