

Mega Snake[®] Solutions



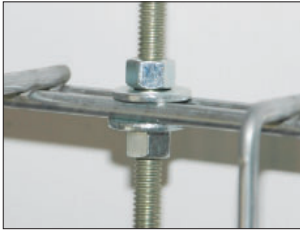
High Capacity, Preconfigured Cable Tray System



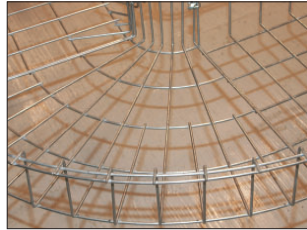
Mega Snake®

High-capacity cable tray system radically reduces labor and installation costs!

Mega Snake allows crews to complete installations faster and reduce installation costs by eliminating labor-intensive steps and parts required by all other cable tray systems.



Built-in suspension system eliminates the need for costly and time consuming brackets or center strut supports.



Our pre-manufactured turns, T's and intersections eliminate labor intensive cutting and clipping.



Unique nesting stackable design reduces shipping and handling costs.



Accessory rail allows interface with other Snake Trays, patch panels, strain relief and fiber optic pass over devices.



Mega Fast Installation

- Built-in suspension system eliminates costly brackets or struts
- Unique design connects trays in under one minute - far faster than other cable trays
- Eliminates field fabrication of turns, T's and cross sections (no cutting required)

Mega Smart Choice

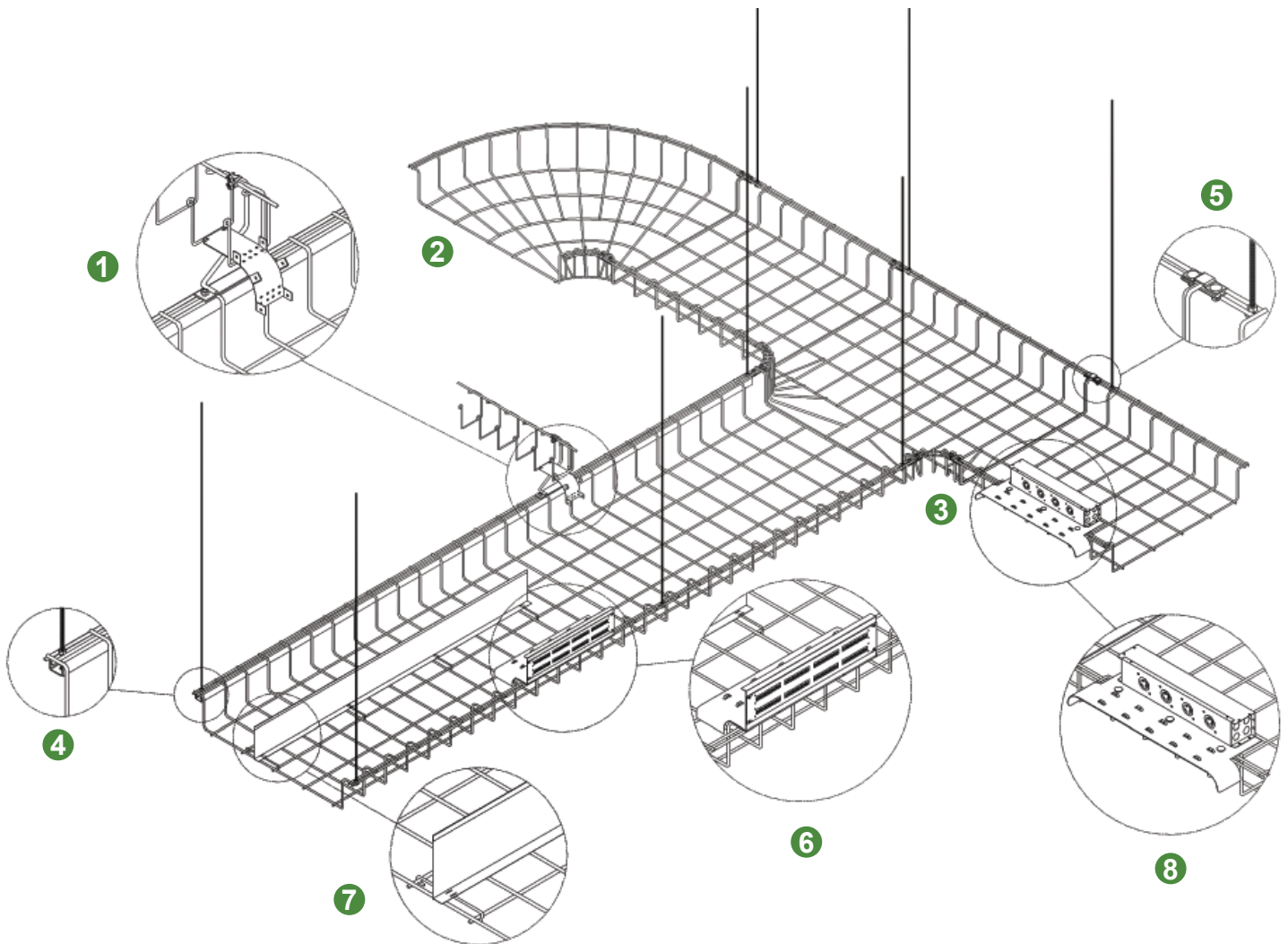
- Patented design installs faster than traditional wire basket tray
- Pre-manufactured turns, T's, cross sections eliminate laborious cutting and sharp edges
- Unique nesting, stackable design reduces shipping and handling costs
- Splice kit maintains a continuous electrical bond throughout the system
- UL Classified Equipment Grounding Conductor

Mega Versatility

- High capacity cable tray for high and low voltage cables
- Overhead and under floor models
- Patented rail can be accessorized with electrical boxes, patch panels, wireless distribution boxes and many other devices

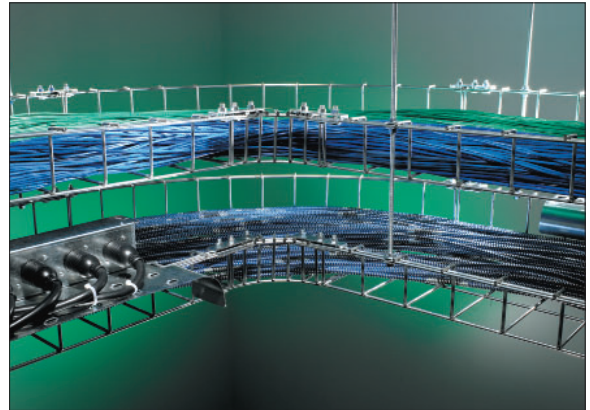
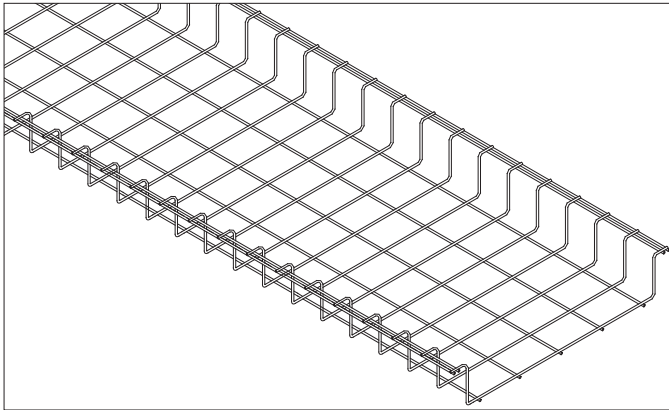
Superior Finishes

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



1. Snake Rail, the patented accessory rail system, allows threaded rod to be attached directly to the tray at any point without special brackets. It allows for the mounting of multiple accessory packages, including patch panels, camera mounts, and multi-outlet power modules. In addition, it provides the structure for electrically bonding Mega Snake via the self aligning splice kit. No jumpers required
 2. Pre-manufactured turns eliminate labor-intensive cutting and allows for consistent bend radius
 3. Pre-manufactured T's and crosses save on-site labor
 4. Optional Spanning Bar allows Mega Snake to span over 10 feet without deflection
 5. Splice Kit completes the mechanical connection as well as being the UL Classified equipment ground connector
 6. Inline Patch Panel Interface attaches directly to the Accessory Rail minimizing the need for equipment racks
 7. Divider grid snaps into position to form a divided pathway
 8. Power module offers empty or pre-wired modules that attach directly to the accessory rail to provide power in client designated locations greatly reducing electrical construction costs
- No cutting means no time spent transporting tray outside to create fittings as cutting inside an active data center is prohibited.**

801 Series Mega Snake®



Straight Sections

Part Number	Loading Dimensions		Physical Volume	Cable Capacity	Weight	Finish
	Depth	Width				
CM 801-2-6-10 *	2"	6"	12 si	125	19 #	G/SS/PC
CM 801-4-6-10 *	4"	6"	24 si	250	20 #	G/SS/PC
CM 801-2-12-10 *	2"	12"	24 si	250	21 #	G/SS/PC
CM 801-4-12-10 *	4"	12"	48 si	490	23 #	G/SS/PC
CM 801-6-12-10 *	6"	12"	72 si	720	24 #	G/SS/PC
CM 801-2-18-10	2"	18"	36 si	375	24 #	G/SS/PC
CM 801-4-18-10	4"	18"	72 si	735	25 #	G/SS/PC
CM 801-6-18-10	6"	18"	108 si	1,100	27 #	G/SS/PC
CM 801-2-24-10	2"	24"	48 si	490	28 #	G/SS/PC
CM 801-4-24-10	4"	24"	96 si	980	29 #	G/SS/PC
CM 801-6-24-10	6"	24"	144 si	1,470	31 #	G/SS/PC

FOR BEST RESULTS IT IS RECOMMENDED THAT MEGA SNAKE BE SUPPORTED EVERY (5) FIVE FEET

* THESE PRODUCTS ARE MANUFACTURED WITH CENTER SUPPORT RAIL FOR CENTER HANGING OPTIONS.

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

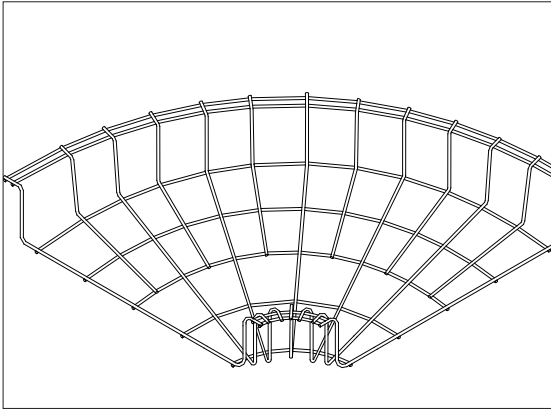
45° Turns

Part Number	Description
CM 801-2-6-45	2" D x 6" W 45° Turn
CM 801-4-6-45	4" D x 6" W 45° Turn
CM 801-2-12-45 *	2" D x 12" W 45° Turn
CM 801-4-12-45 *	4" D x 12" W 45° Turn
CM 801-6-12-45 *	6" D x 12" W 45° Turn
CM 801-2-18-45	2" D x 18" W 45° Turn
CM 801-4-18-45	4" D x 18" W 45° Turn
CM 801-6-18-45	6" D x 18" W 45° Turn
CM 801-2-24-45	2" D x 24" W 45° Turn
CM 801-4-24-45	4" D x 24" W 45° Turn
CM 801-6-24-45	6" D x 24" W 45° Turn

* THESE PRODUCTS ARE MANUFACTURED WITH CENTER SUPPORT RAIL.



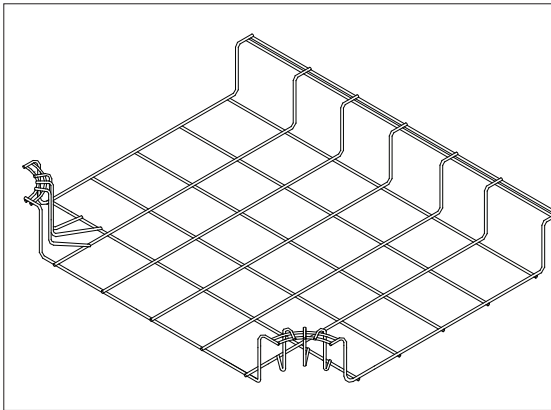
801 Series Mega Snake[®] Tray



90°Turns

Part Number	Description
CM 801-2-6-90	2" D x 6" W 90° Turn
CM 801-4-6-90	4" D x 6" W 90° Turn
CM 801-2-12-90 *	2" D x 12" W 90° Turn
CM 801-4-12-90 *	4" D x 12" W 90° Turn
CM 801-6-12-90 *	6" D x 12" W 90° Turn
CM 801-2-18-90	2" D x 18" W 90° Turn
CM 801-4-18-90	4" D x 18" W 90° Turn
CM 801-6-18-90	6" D x 18" W 90° Turn
CM 801-2-24-90	2" D x 24" W 90° Turn
CM 801-4-24-90	4" D x 24" W 90° Turn
CM 801-6-24-90	6" D x 24" W 90° Turn

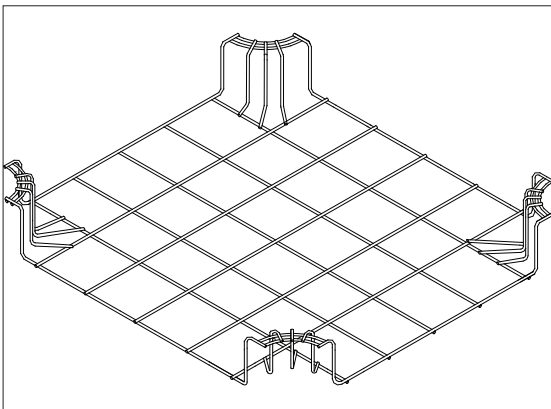
* THESE PRODUCTS ARE MANUFACTURED WITH CENTER SUPPORT RAIL.



T-Section

Part Number	Description
CM 801-2-6-T	2" D x 6" W T-Section
CM 801-4-6-T	4" D x 6" W T-Section
CM 801-2-12-T *	2" D x 12" W T-Section
CM 801-4-12-T *	4" D x 12" W T-Section
CM 801-6-12-T *	6" D x 12" W T-Section
CM 801-2-18-T	2" D x 18" W T-Section
CM 801-4-18-T	4" D x 18" W T-Section
CM 801-6-18-T	6" D x 18" W T-Section
CM 801-2-24-T	2" D x 24" W T-Section
CM 801-4-24-T	4" D x 24" W T-Section
CM 801-6-24-T	6" D x 24" W T-Section

* THESE PRODUCTS ARE MANUFACTURED WITH CENTER SUPPORT RAIL.



Crossing Grid

Part Number	Description
CM 801-2-6-CG	2" D x 6" W 4-Way Crossing Grid
CM 801-4-6-CG	4" D x 6" W 4-Way Crossing Grid
CM 801-2-12-CG *	2" D x 12" W 4-Way Crossing Grid
CM 801-4-12-CG *	4" D x 12" W 4-Way Crossing Grid
CM 801-6-12-CG *	6" D x 12" W 4-Way Crossing Grid
CM 801-2-18-CG	2" D x 18" W 4-Way Crossing Grid
CM 801-4-18-CG	4" D x 18" W 4-Way Crossing Grid
CM 801-6-18-CG	6" D x 18" W 4-Way Crossing Grid
CM 801-2-24-CG	2" D x 24" W 4-Way Crossing Grid
CM 801-4-24-CG	4" D x 24" W 4-Way Crossing Grid
CM 801-6-24-CG	6" D x 24" W 4-Way Crossing Grid

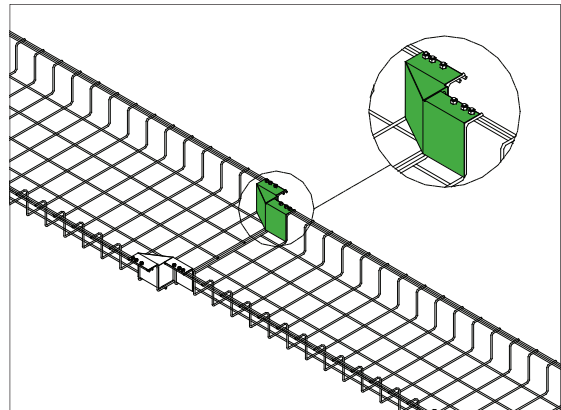
* THESE PRODUCTS ARE MANUFACTURED WITH CENTER SUPPORT RAIL.

801 Series Mega Snake® Accessories

Size Adapters

Part Number	Description
CM 801-2-R6	2" x 12" to 2" x 18" or 2" x 12" to 2" x 24"
CM 801-2-R12	2" x 12" to 2" x 24"
CM 801-4-R6	4" x 12" to 4" x 18" or 4" x 18" to 4" x 24"
CM 801-4-R12	4" x 12" to 4" x 24"
CM 801-6-R6	6" x 12" to 6" x 18" or 6" x 18" to 6" x 24"
CM 801-6-R12	6" x 12" to 6" x 24"
CM 801-2/4-R6	2" x 12" to 4" x 18" or 2" x 18" to 4" x 24"
CM 801-2/4-R12	2" x 12" to 4" x 24"
CM 801-4/6-R6	4" x 12" to 6" x 18" or 4" x 18" to 6" x 24"
CM 801-4/6-R12	4" x 12" to 6" x 24"
CM 801-2/6-R6	2" x 12" to 6" x 18" or 2" x 18" to 6" x 24"
CM 801-2/6-R12	2" x 12" to 6" x 24"

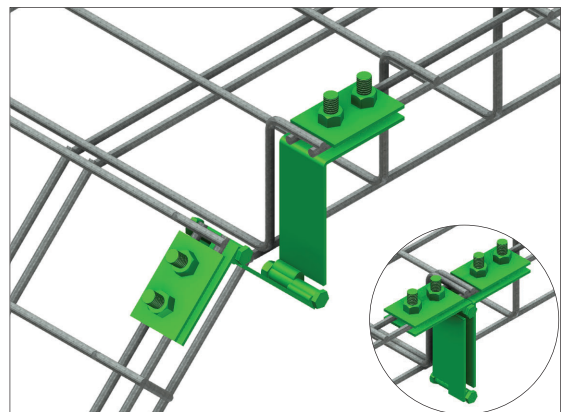
Transition from one size Mega Snake to another.



Hinged Splice Plates

Part Number	Description
CM 801-2-H-SP	2" D Hinged Splice Plate Kit
CM 801-4-H-SP	4" D Hinged Splice Plate Kit
CM 801-6-H-SP	6" D Hinged Splice Plate Kit

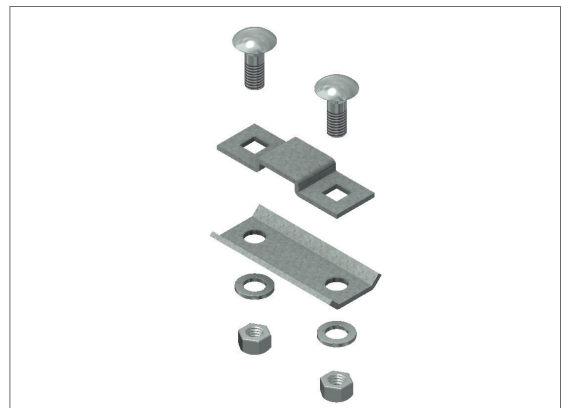
Each vertical directional change requires one kit.



Splice Kit

Part Number	Description
CM 801-SP	Mega Snake Splice Kit (2 splice plates per kit)

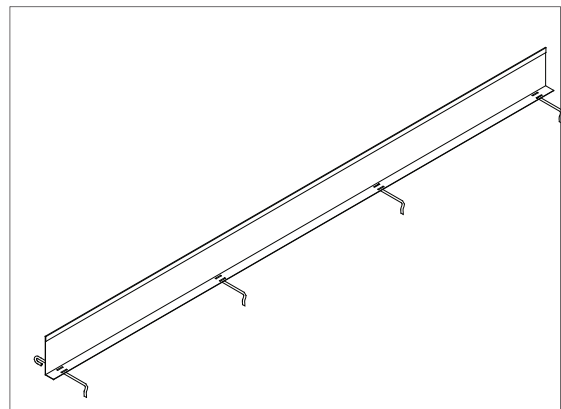
Splice kit maintains a continuous electrical and mechanical bond throughout the Mega Snake system.



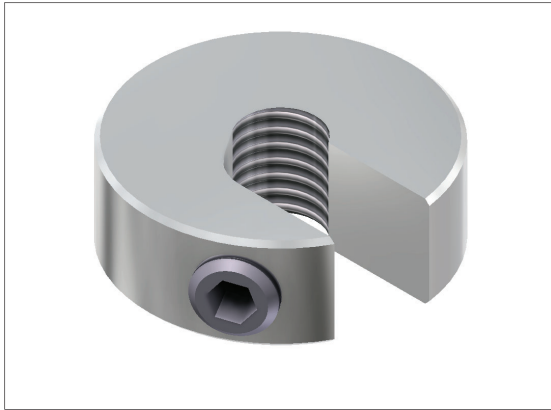
Divider Grid

Part Number	Description
CM 801-2-DG	2" D Divider Grid x 60"
CM 801-4-DG	4" D Divider Grid x 60"
CM 801-6-DG	6" D Divider Grid x 60"

Divides cable tray pathway.



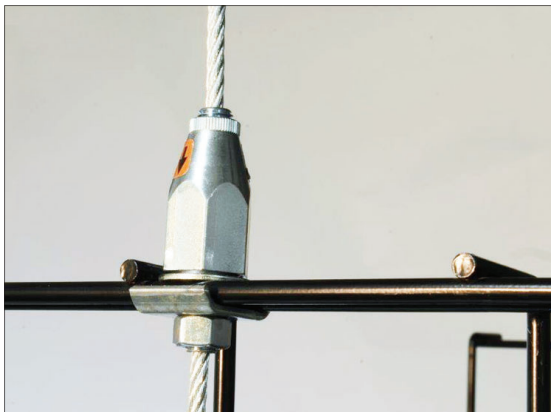
801 Series Mega Snake® Accessories



Snake Nuts™ Threaded Rod Fastener

Part Number	Description
STSN 38	Fits 3/8"-16 Threaded Rod
STSN 12	Fits 1/2"-13 Threaded Rod
STSN 58	Fits 5/8"-11 Threaded Rod

This innovative fastener eliminates the labor intensive need to hand thread hex nuts up a threaded rod. Simply insert the Snake Nut anywhere on the threaded rod and tighten into place with a set screw. Once locked into place, Snake Nut has been tested to hold up to 6,800 pounds.

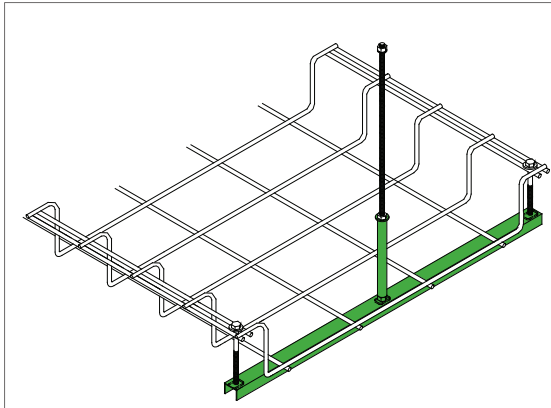


Snake Suspenders - Wire Rope Suspension Kit

Part Number	Description
CM 801-SSK-XX	Snake Suspender Kit for Mega Snake
CM 801-SSK-GK	Snake Suspender Gimbal Kit for Mega Snake

XX DENOTES LENGTH

This amazing proprietary system allows for the Mega Snake Series Cable Tray to be suspended via wire rope. The components attach directly to Mega Snake's equipment mounting rail system. Once engaged, the Mega Snake height can be adjusted at will and without tools. It can be readjusted anytime during the installation process. Snake Suspenders add on gimbal kit can vector the wire rope in any direction for seismic cross bracing.

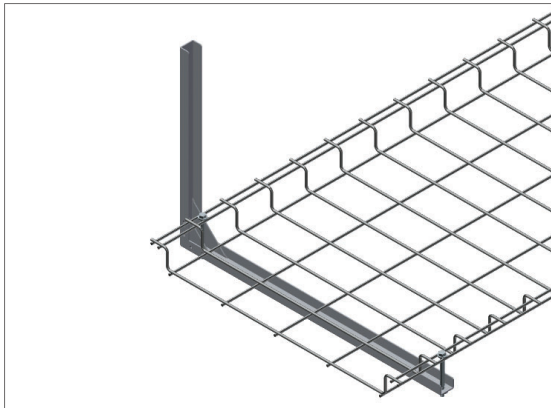


Center Support

Part Number	Description
CM 801-4-6-CS	Center Support for 4" D x 6" W Tray
CM 801-2-18-CS	Center Support for 2" D x 18" W Tray
CM 801-2-24-CS	Center Support for 2" D x 24" W Tray
CM 801-4-18-CS	Center Support for 4" D x 18" W Tray
CM 801-4-24-CS	Center Support for 4" D x 24" W Tray
CM 801-6-18-CS	Center Support for 6" D x 18" W Tray
CM 801-6-24-CS	Center Support for 6" D x 24" W Tray

Bracket used when access to either side is required.

Note: 12" Mega Snake has built-in center support.



Wall Bracket

Part Number	Size
CM 801-4-6-WB	Wall Bracket for 4" D x 6" W Tray
CM 801-2-12-WB	Wall Bracket for 2" D x 12" W Tray
CM 801-2-18-WB	Wall Bracket for 2" D x 18" W Tray
CM 801-2-24-WB	Wall Bracket for 2" D x 24" W Tray
CM 801-4-12-WB	Wall Bracket for 4" D x 12" W Tray
CM 801-4-18-WB	Wall Bracket for 4" D x 18" W Tray
CM 801-4-24-WB	Wall Bracket for 4" D x 24" W Tray
CM 801-6-12-WB	Wall Bracket for 6" D x 12" W Tray
CM 801-6-18-WB	Wall Bracket for 6" D x 18" W Tray
CM 801-6-24-WB	Wall Bracket for 6" D x 24" W Tray

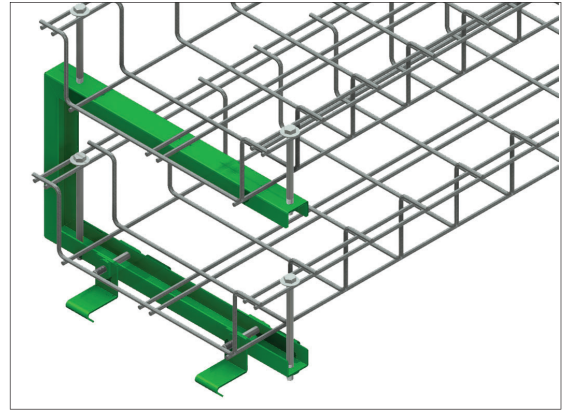
801 Series Mega Snake® Accessories

Double Wall Bracket

Part Number	Size
CM 801-X-X-WB-D-OU	Over/Under Wall Bracket

Configurations to accommodate different trays on top and bottom available.

X DENOTES TRAY SIZE (DEPTH AND WIDTH)



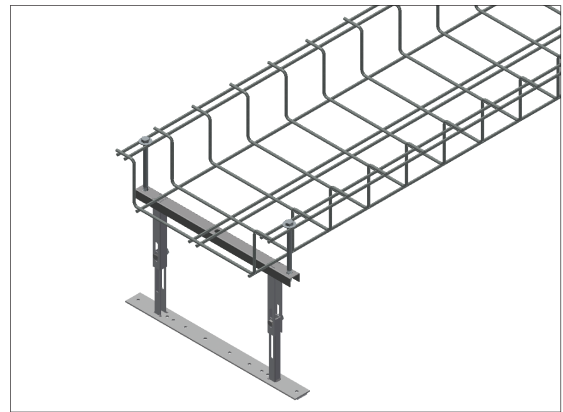
Cabinet Bracket

Part Number	Size
CM 801-X-X-CBN 3/5	Adjusts 3 - 5"
CM 801-X-X-CBN 6/10	Adjusts 6 - 10"
CM 801-X-X-CBN 9/15	Adjusts 9 - 15"
CM 801-X-X-CBN 12/18	Adjusts 12 - 18"

Cabinet Basket used to mount 801 Series Mega Snake to the top of Data Cabinets.

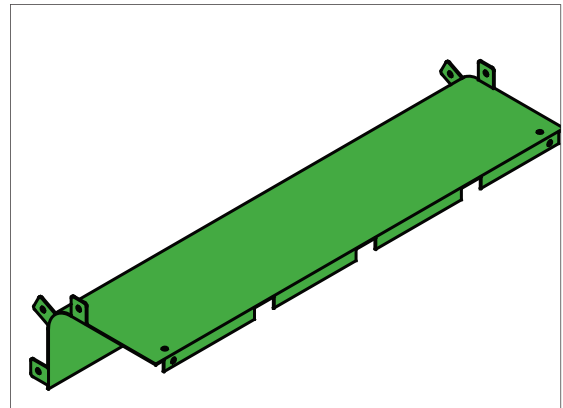
X DENOTES TRAY SIZE (DEPTH AND WIDTH)

*CUSTOM CONFIGURATIONS AVAILABLE



Cable Drop Out

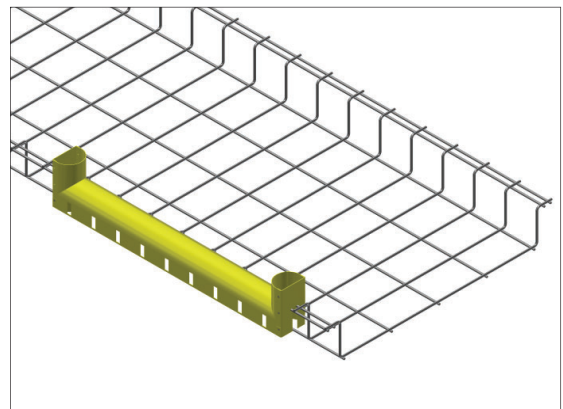
Part Number	Description
CM 801-TO-12	12" End Mounted Waterfall
CM 801-TO-18	18" End Mounted Waterfall
CM 801-TO-24	24" End Mounted Waterfall



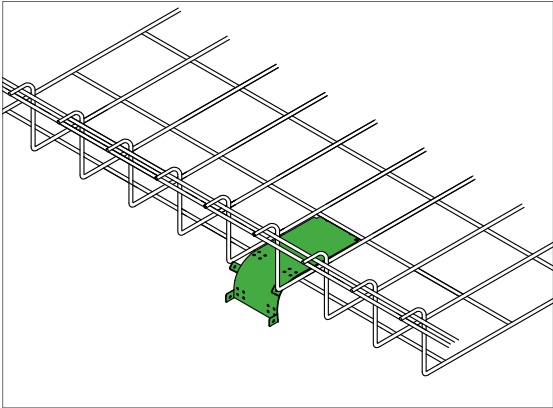
Rail Mount Cable Drop Out

Part Number	Description
CM 708-75-11744	Rail Mount Cable Dropout for 12" Mega Snake Tray
CM 708-75-11747	Rail Mount Cable Dropout for 18" Mega Snake Tray
CM 708-75-11741	Rail Mount Cable Dropout for 24" Mega Snake Tray

This side mounted cable dropout offers ultimate support for the high capacity data center cable runs while not compromising the cable tray itself. By bolting onto the Universal Rail System of the Mega Snake, the side mount unit allows for simple cable egress directly off the side of the tray without having to make any cuts or modifications preserving the strength and integrity of the tray. Ideally suited for supporting and protecting copper and fiber optic cables as they enter and exit the tray.



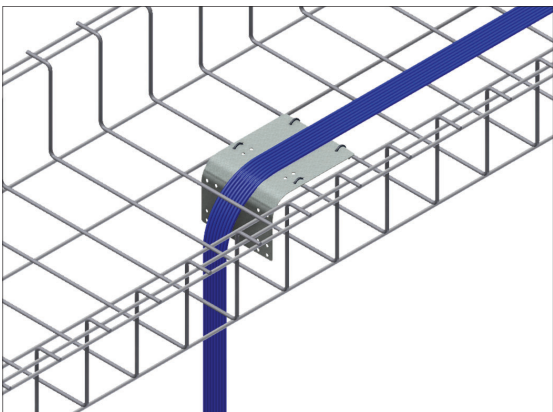
801 Series Mega Snake® Accessories



Side Mount Cable Drop Out

Part Number	Description
CM 801-TO-3.50	Side Mounted Drop Out 3.5" wide

Side mounted drop out designed to enter/exit cable through side rail on 801 Series Mega Snake.

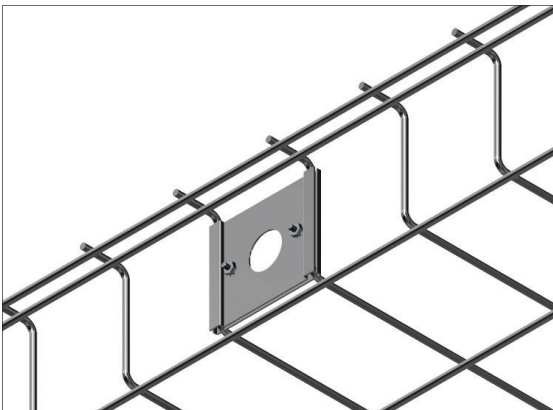


In-Line Cable Drop Out

Part Number	Description
CM 801-TO-3.875 *	In-Line Cable Drop Out for 12", 18" and 24" Trays
CM 801-TO-5	In-Line Cable Drop Out for 12" and 24" Trays

* Required for 18" Tray

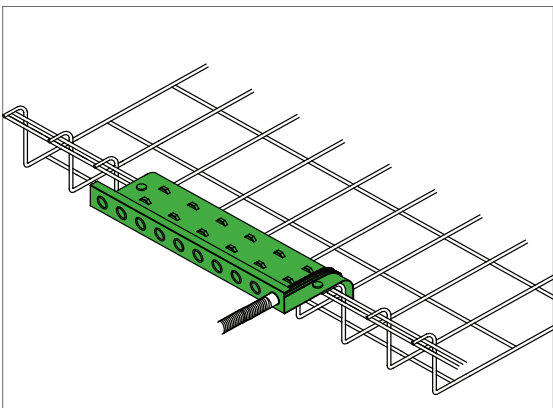
In-line drop out designed to enter/exit cable through a center section of 801 Series Mega Snake.



Conduit Plate Side Mount

Part Number	Description
CM 801-CP-010	¾" Conduit
CM 801-CP-020	1" Conduit
CM 801-CP-030	1 ¼" Conduit
CM 801-CP-040	1 ½" Conduit
CM 801-CP-050	2" Conduit

Securely adapts a single conduit to the side of the 801 Series Mega Snake Cable Tray.



Conduit Adapter

Part Number	Description
CM 801-CP-2	2 Point Connection Conduit Bracket
CM 801-CP-10	10 Point Connection Conduit Bracket

*ADDITIONAL CONFIGURATIONS AVAILABLE

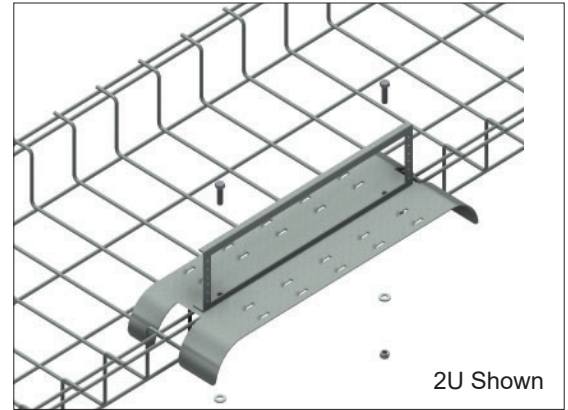
801 Series Mega Snake® Accessories

Patch Panel Adapter

Part Number	Description
CM 801-PP/19-1U	19" Patch Panel Bracket - 1U
CM 801-PP/19-2U	19" Patch Panel Bracket - 2U
CM 801-PP/19-3U	19" Patch Panel Bracket - 3U
CM 801-PP/19-4U	19" Patch Panel Bracket - 4U

19" Patch Panel bracket attaches to side rail on 801 Series Mega Snake.

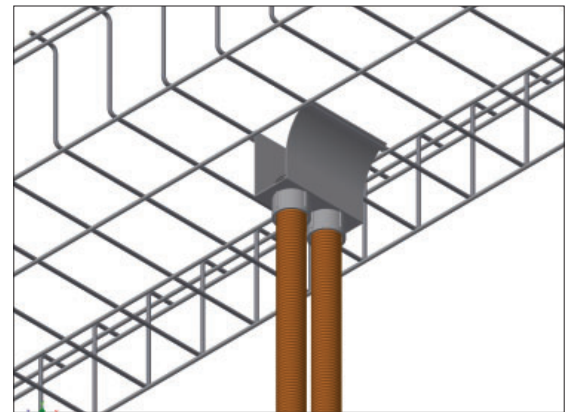
CUSTOM SIZES AVAILABLE.



Fiber Optic Turn Out Module

Part Number	Description
CM 801-FOTO-S	Fiber Optic Single Exit for Cables
CM 801-FOTO-D	Fiber Optic Double Exit for Cables

Fiber optic exit designed to attach to the 801 Series Mega Snake. Designed to protect cable and control bend radius.



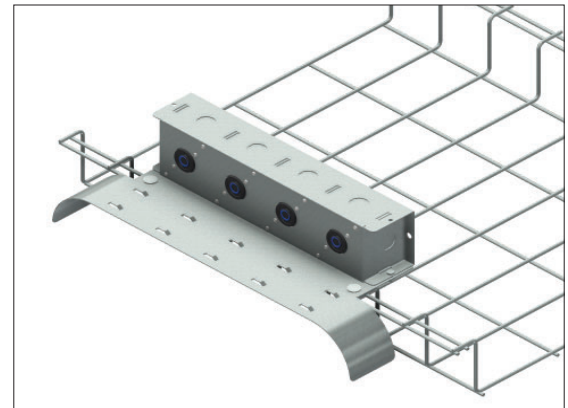
Power Distribution Module

Part Number	Description
CM 801-PM-XX	Customer Specified Power Distribution Module

The Power Distribution Module is the cornerstone of the Power Mega Snake power distribution system. It is available empty or loaded with customer specified NEMA receptacles. It is also available pre-wired with MC cables to be carried by the Mega Snake and terminated at the electrical panel.

XX DENOTES CUSTOMER SPECIFIED POWER REQUIREMENTS.

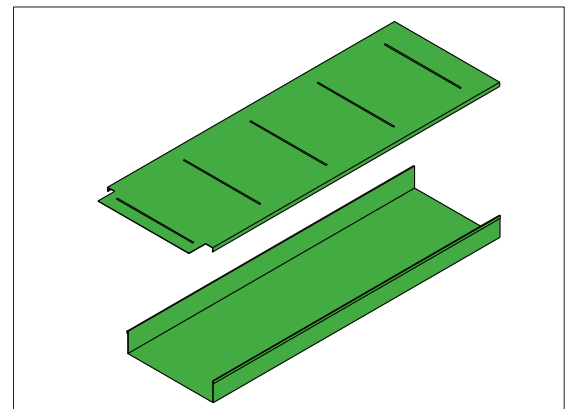
Call the Snake Tray engineering team to assist you with the power distribution configuration and part numbers.



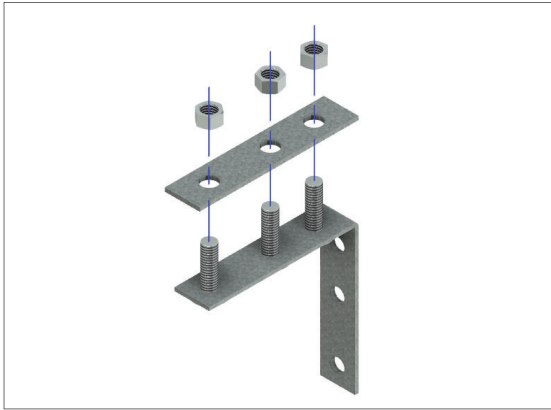
Tray Inserts and Covers

Part Number	Description
CM 801-X-C	Tray Cover in 6", 12", 18" and 24" widths
CM 801-X-X-TI	Tray Insert in 6", 12", 18" and 24" widths
CM 801-X-TI-FLAT	Tray Flat Bottom Insert in 6", 12", 18" and 24" widths

In 60" lengths, two inserts per tray required.



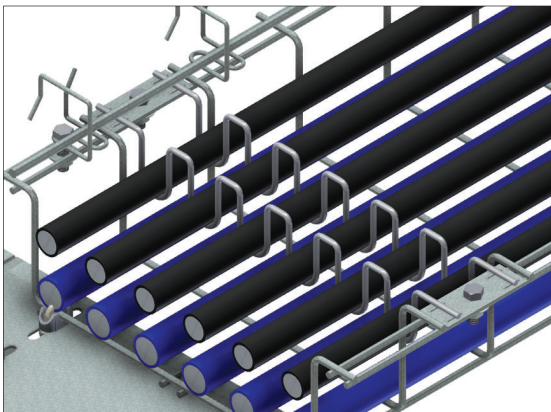
801 Series Mega Snake® Accessories



Termination Kit

Part Number
CM 801-WTK

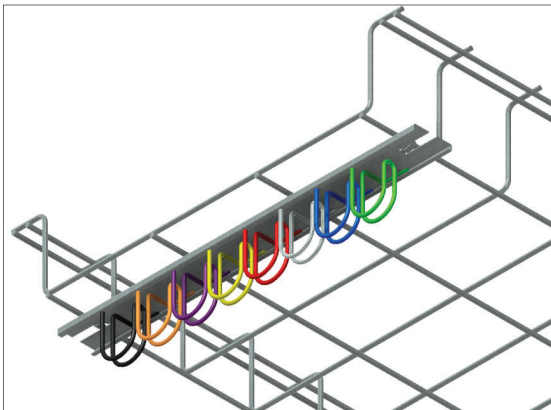
Mega Snake support for 90° wall, floor and ceiling terminations.



Mega Snake® Air Separator

Part Number	Description
CM 801-AS-12-001	12" wide Mega Snake
CM 801-AS-18-001	18" wide Mega Snake
CM 801-AS-24-001	24" wide Mega Snake

This auxiliary component attaches directly to the Mega Snake's mounting rail to provide code compliant separation between high ampacity conductors. This separation system provides the spacing that will allow the full ampacity rating of cables in accordance with the NEC. Can be configured to the customer's specific cable schedule.



Mega Snake Under Tray Pathway System

Part Number	Description
CM 801-18-ACSM	Auxiliary Conveyance System Module

Unique applications require unique solutions. In hospital environments, there is a need for mission critical cable pathways apart from the standard data cabling infrastructure, typically nurse call, alarm and security cabling. This under tray add on accessory provides up to 8 separate color coded cable pathways, simple to install and available with customer specific color coding.



Seismic Bracing Kits, Crimp Tool and Cutter

Part Number	Description
CM 201/801-SBK1-07	Kit for Anchoring Snake Tray and Mega Snake in Concrete Ceilings
CM 201/801-SBK-J-07	Kit for Anchoring Snake Tray and Mega Snake around Joists
CM 201/801-SBK-L-07	Kit for Anchoring Snake Tray and Mega Snake with Lag Bolts into Wood Beams
CM 201/801-SB-CT	Crimp Tool
CM 201/801-SB-CU	Cutter



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.



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Regional Operations: Chicago | Dallas | Reno
www.snaketray.com | MADE IN USA

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