 Signature Solutions ...

## Cable Runway & Tray



CHATSWORTH  
PRODUCTS, INC.

Helping you

Organize. Store. Secure.<sup>SM</sup>

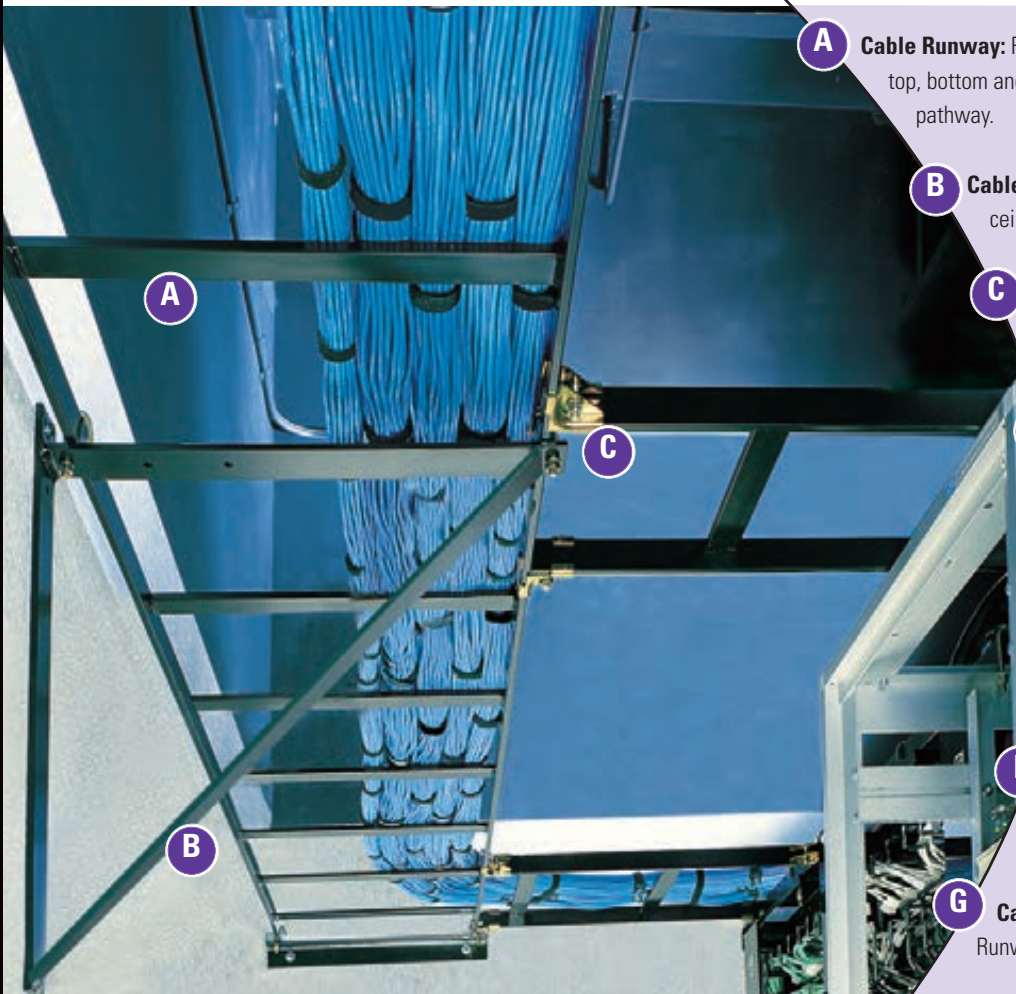
technology equipment ...

## Making the Connection is Easy: CPI Cable Runway and Tray Products

Whether you see it or not, communications cabling connects users to the network. A well-planned network requires the use of defined pathways and spaces to organize, store and secure communications cables from the data center or equipment room to workstations. CPI's Cable Runway and Tray Products provide simple and effective pathway solutions to easily manage and protect cables while maximizing network infrastructure uptime. With a variety of options and accessories available, CPI Cable Runway and Tray Products can be tailored to meet the specific requirements of each facility and are adaptable for future growth.

### Why Choose CPI Cable Runway and Tray Products?

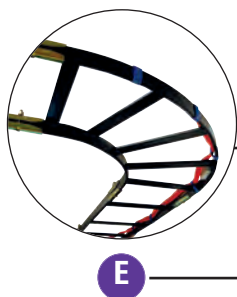
- High-quality construction and design
- Promote proper cable bend radii for better data transmission
- Decrease cable damage
- Simplify moves, adds and changes
- Prevent tangled cords
- Meet ANSI/TIA/EIA installation guidelines for Category 5e/6/6a and fiber cables
- Provide an attractive installation



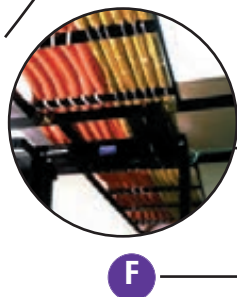
- A Cable Runway:** Provides continuous support for cable, but is open on the top, bottom and sides allowing cables to easily enter and exit the pathway.
- B Cable Runway Supports:** Attach Cable Runway to the wall, ceiling, floor or the tops of racks and cabinets.
- C Cable Runway Splices:** Pathway components that connect or form sections of Cable Runway together with splice hardware.
- D Cable Runway Radius Drops:** Use to maintain a gradual cable bend wherever it enters or exits the Cable Runway. The gradual bend helps preserve cable signal quality.
- E Cable Runway Bends:** Create gradual right, left, up or down turns in the Cable Runway. The pre-fabricated pathway transitions include the E-Bend and Outside Radius Bend.
- F Cable Runway Elevation Kit:** Elevate Cable Runway above racks or cabinets to allow a full radius as cables exit the pathway to enter the rack.
- G Cable Runway Corner Bracket:** Add a curve to Cable Runway corners at L-, T- or X-shaped intersections.



D



E



F



G



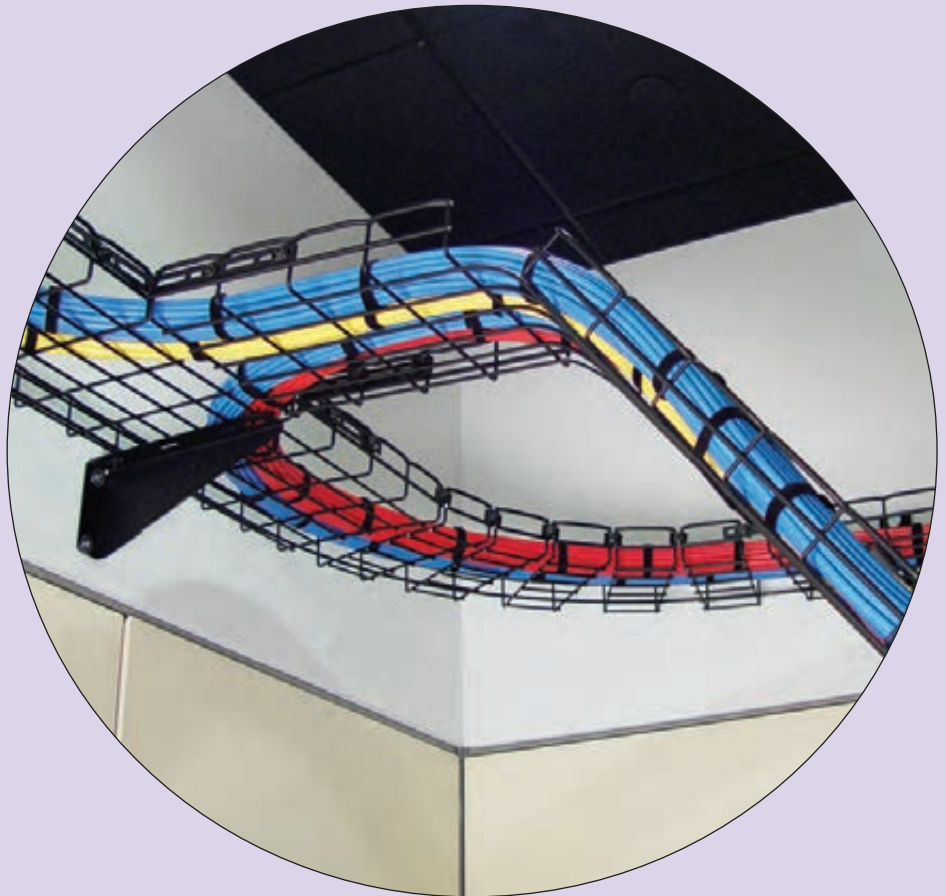
## Creating the Ultimate Cable Pathway Solution

Support backbone and horizontal cables between the point of entry and exit into the telecommunications or equipment rooms and cross-connects on racks or cabinets with CPI Cable Runway Products. By offering an integrated cable pathway system, CPI Cable Runway allows you to route cables within and outside of the equipment room, under access floors and above acoustic ceilings.

CPI Cable Tray Products provide a flexible pathway for installations around existing obstacles. OnTrac™ Wire Mesh Cable Tray System, CPI's most recent Cable Tray Product is the ideal pathway solution for supporting and distributing large quantities of network cables above drop ceilings or under access floors to cabinets and racks in data centers and equipment rooms or to individual office spaces in commercial buildings.

Even in a wireless network, there are cables connecting wireless antennas to a central point. The use of zone cabling methods reduces the amount of time required to add new users or equipment to the network. CPI's Zone and Wireless Enclosures create architecturally hidden spaces for consolidation points, active cross connects and wireless access points close to network users.

- H OnTrac Wire Mesh Cable Tray:** Pathway solution for data centers, computer rooms and office spaces. Can be cut and formed to go around obstacles and match pathway requirements.
- I OnTrac Ceiling Support:** Quickly and easily splice and bond cable trays together and attach OnTrac to the wall, ceiling, floor or the tops of racks and cabinets.
- J Tool-Less Radius Drop:** Easy-to-install, wide radius that provides proper support where cables enter or exit the tray. Tray covers and dividers are also available.
- K Zone Enclosures:** Create spaces at the end of pathways that organize, store and secure consolidation points, active cross-connects or wireless access points required by other systems.



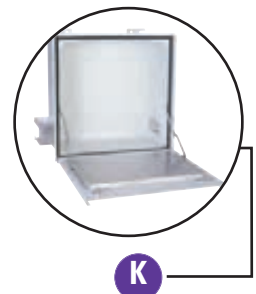
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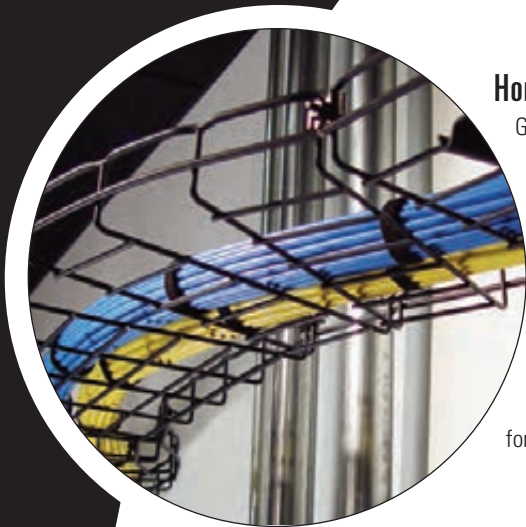
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J



K



### Horizontal Cable Distribution

Generally, each network user requires a minimum of two connections to the network — one for a computer and one for a phone. These connections are usually made through individual copper cables that consolidate on each floor in one or several dedicated telecommunications rooms.

In an open office environment or other commercial space, cables are often routed between users and telecommunications rooms overhead in the space above the acoustical ceiling.

OnTrac Wire Mesh Cable Tray is the best choice for supporting cables in the overhead space. It provides continuous support and protection for large quantities of network cables and can be formed around building structures or other building services that share the overhead space.

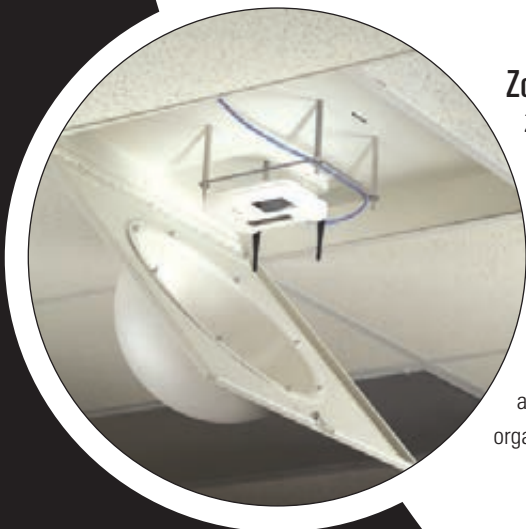


### Backbone Cable Distribution

Telecommunications rooms, telecommunications enclosures and the data center are connected by backbone cables to the main cross connect, which is located in the equipment rooms.

Backbone cables are typically multi-strand fiber or multi-pair copper cables. In a multi-story building, backbone cables travel floor-to-floor through the telecommunications rooms. A piece of Cable Runway attached vertically to the wall provides support for backbone cables.

Backbone cables may also travel across a floor to connect two telecommunications rooms together or extend to a data center or zone enclosure. OnTrac Wire Mesh Cable Tray is the best choice for supporting backbone cable outside of telecommunications rooms.



### Zone Cabling

Zone cabling is ideal for open office areas with high churn or the data center. The basic concept behind zone cabling is to place the horizontal cross connect or consolidation point as close to the user workspace as possible. This reduces the amount of cabling that must be disturbed if the workspace is repositioned.

For example, fiber backbone cabling can be run through a passive telecommunications room directly to a telecommunications enclosure near users. A switch is placed in the enclosure.

Copper media extends to the user. If a user moves, only the copper cable between the enclosure and the user is affected. CPI Zone Enclosures create spaces at the ends of cable pathways for organizing, storing and securing zone cabling and wireless access points.



## The Data Center

Data centers house centralized computer processing and data storage equipment in multi-cabinet rows. Each cabinet can support up to 45 pieces of equipment and each piece of equipment may require two network connections. Generally, cables from each cabinet are consolidated through a series of network switches.

CPI Cable Runway attaches to the tops of cabinets to provide a pathway for network cables and can also be used to support fiber ducts. Where cables are distributed under the access floor, use CPI OnTrac Wire Mesh Cable Tray. OnTrac may be attached to the raised floor pedestals or supported directly from the floor.

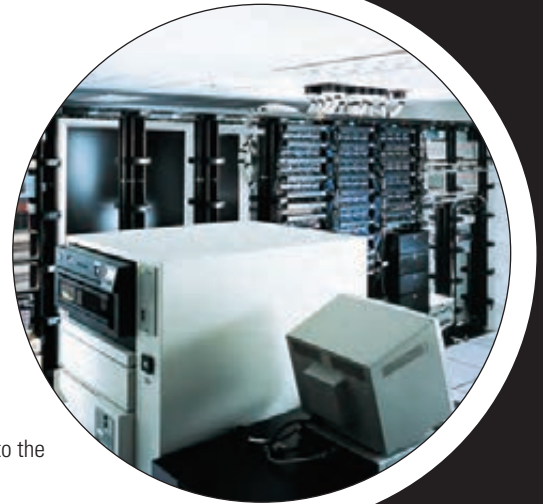


## Telecommunications Rooms

Individual cables from network users consolidate in telecommunications rooms, where their signals are aggregated through network switches into fewer high-speed (backbone) connections to the rest of the network.

The cable pathway in the telecommunications room must provide support for cables from the point where they enter the room to the top of racks where they terminate on patch panels or within fiber enclosures. Cables usually enter the room in several places through a wall, the floor or the ceiling.

CPI Cable Runway is the best choice for supporting cables in the telecommunications room. Cable Runway is open along both sides and at the bottom to allow cables to easily exit or enter the pathway. Additionally, Cable Runway can be easily supported above racks or cabinets and can be easily attached to the wall or ceiling structure.



## Featured Product:

### OnTrac Wire Mesh Cable Tray

In the data center or computer room, network and power cables need to be distributed to each rack and cabinet. OnTrac Wire Mesh Cable Tray can be used to create pathways under the access floor or over the rows of racks and cabinets. OnTrac provides a flexible pathway solution that is available in several widths and heights to match cable fill requirements.

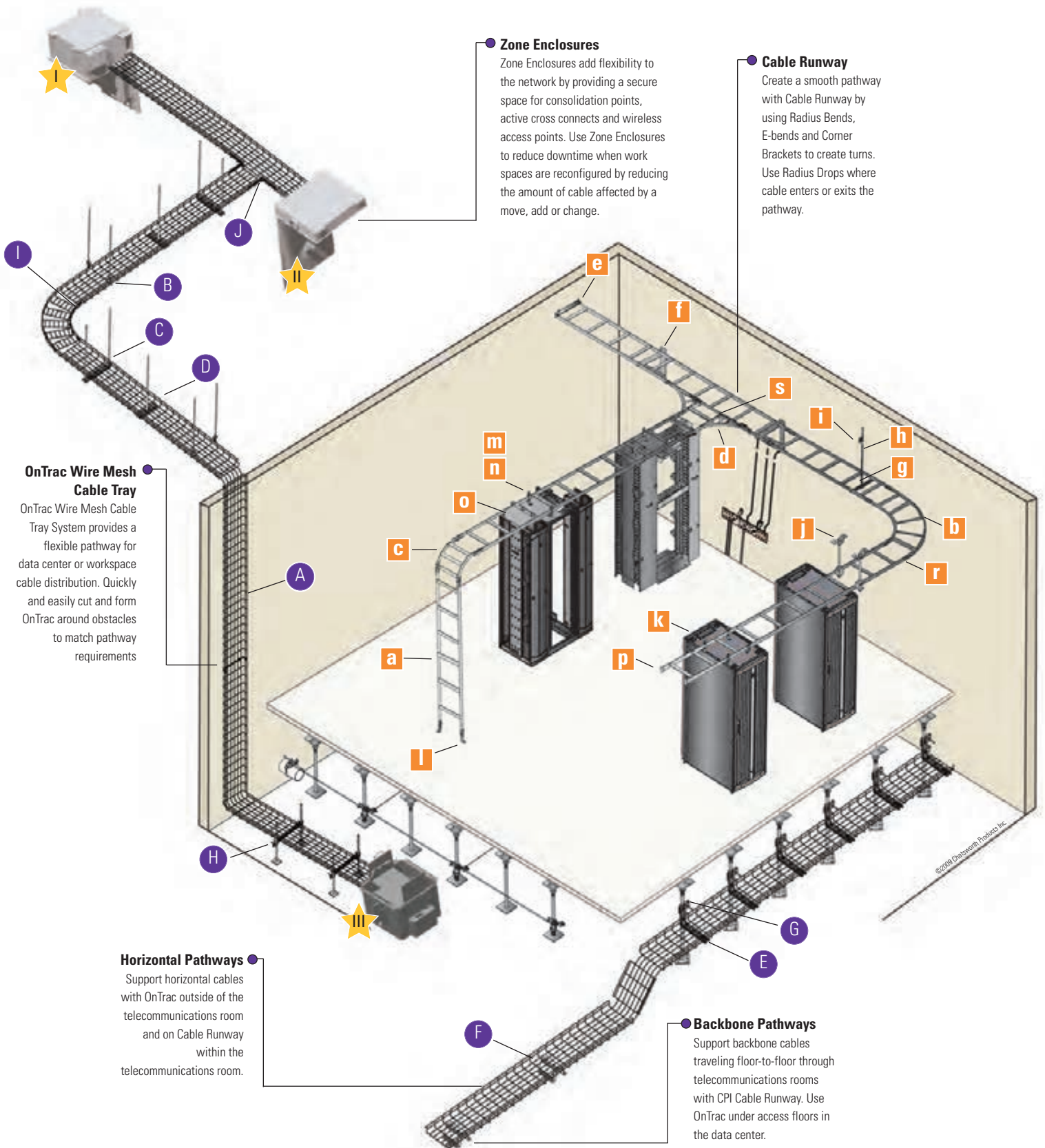
OnTrac Wire Mesh Cable Tray can be cut and formed into smooth horizontal or vertical transitions by removing sections of the tray. Fasteners splice and bond sections together. Supports attach the tray to the wall, ceiling, floor or the tops of racks and cabinets. Cover, dividers and radius drops organize and protect cables.





## Build Your Own System:

### *CPI Cable Runway and OnTrac Wire Mesh Cable Tray*



**Zone Enclosures**  
 Zone Enclosures add flexibility to the network by providing a secure space for consolidation points, active cross connects and wireless access points. Use Zone Enclosures to reduce downtime when work spaces are reconfigured by reducing the amount of cable affected by a move, add or change.

**Cable Runway**  
 Create a smooth pathway with Cable Runway by using Radius Bends, E-bends and Corner Brackets to create turns. Use Radius Drops where cable enters or exits the pathway.

**OnTrac Wire Mesh Cable Tray**  
 OnTrac Wire Mesh Cable Tray System provides a flexible pathway for data center or workspace cable distribution. Quickly and easily cut and form OnTrac around obstacles to match pathway requirements

**Horizontal Pathways**  
 Support horizontal cables with OnTrac outside of the telecommunications room and on Cable Runway within the telecommunications room.

**Backbone Pathways**  
 Support backbone cables traveling floor-to-floor through telecommunications rooms with CPI Cable Runway. Use OnTrac under access floors in the data center.

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# Ordering Information:

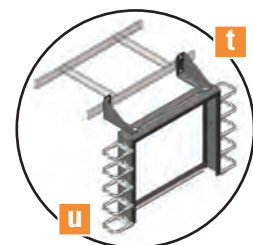
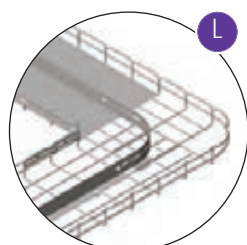
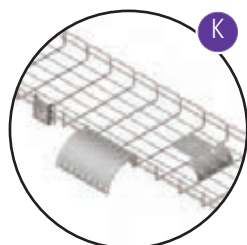
The following tables provide part numbers for various CPI Cable Runway, OnTrac and Zone Enclosure Systems. Additional styles, sizes and finishes are available. For more information, contact CPI at 800-834-4969 or visit [www.chatsworth.com](http://www.chatsworth.com).

OnTrac Wire Mesh Cable Tray		
A	34811-512	2"H x 12"W x 10'L, Zinc Plated (50 mm x 300 mm)
	34821-512	4"H x 12"W x 10'L, Zinc Plated (100 mm x 300 mm)
	34831-512	6"H x 12"W x 10'L, Zinc Plated (150 mm x 300 mm)
OnTrac System Supports		
B	34731-501	Edge Hanger, Zinc Plated
C	34730-512	Trapeze Support Bracket for 12"W (300 mm) Tray
D	34729-512	Center Support Bracket for 12"W (300 mm) Tray
E	34734-512	L Support Bracket for 12"W (300 mm) Tray
F	34736-583	Under Floor Support, 8"W x 3"H (200 mm x 80 mm)
G	34737-501	Pedestal Clamp Bracket, Zinc Plated
H	34737-502	Pedestal Clamp Support Kit, Zinc Plated
OnTrac Splices and Fasteners		
I	34738-501	Standard Splice Kit
J	34740-501	90° Splice Bar Kit
OnTrac Accessories		
K	34741-501	Tool-Less Radius Drop, Zinc Plated
	34747-501	Large Radius Drop, Zinc Plated
	34748-501	Power Box Bracket, Zinc Plated
L	34743-502	Cable Tray Divider for 2"H (50 mm) Tray
	34742-502	Horizontal Bend Radius for 2"H (50 mm) Tray

Zone Enclosures		
2' x 2' Ceiling Enclosures		
I	13812-003	Holds (2) 110D Blocks, Large Ports
	13812-002	Holds (2) Patch Panels, 2 RMU
	13812-001	Holds Switch, 2 RMU, Large Ports
2' x 2' Wireless Ceiling Enclosure		
II	ACE-DOME	Holds Wireless Access Point
2' x 2' Raised-Floor Enclosures		
III	A1411-RF-HR	A1222-HR for the Floor, 14"D (360 mm)
	A0622-RF	A1222-PP for the Floor, 6"D (150 mm)

Cable Runway		
a	10250-712	Universal, 12"W x 9'-11.5"L
Cable Runway Components		
b	10822-712	E-Bend, 12"W
c	10723-712	Outside Radius Bend, 12"W
d	11959-715	Corner Bracket, 15" x 15"
Cable Runway Supports		
e	11421-712	Wall Angle Support Kit, 12"W
f	11746-712	Triangular Support Bracket, 12"W
g	12362-712	Center Support Kit, 12"W
h	11440-002	Threaded Rod, 5/8-11 x 6"L
i	10557-003	I-Beam Clamp, 5/8 -11
j	11310-003	Threaded Ceiling Kit (2 shown)
k	10506-716	Cabinet Elevation Kit, 4"-6"
l	11309-001	Foot Kit
m	10595-712	Rack Mounting Plate, 12"W
n	10506-706	Rack Elevation Kit, 4"-6"
Cable Runway Accessories		
o	12100-712	Cross Member Radius Drop, 12"W
p	10642-001	End Caps, 1 Pair
q	13392-712	Dividers, 25 Pack
Cable Runway Splices		
r	11301-001	Butt Splice Kit
s	11302-001	Junction Splice Kit
Cable Runway Accessories		
t	13395-708	Patch Panel Rack, 19"W x 8 RMU
u	13396-208	D-Ring Kit, 10 Pack

For more information about  
CPI Cable Runway & Tray Products  
go to [www.chatsworth.com/pathway](http://www.chatsworth.com/pathway).



## Why Choose CPI? Flexibility, Availability and Reliability

Chatsworth Products, Inc. (CPI) is a leading manufacturer of systems designed to organize, store and secure IT infrastructure equipment. As an industry leader, CPI Products set the benchmark by providing superior structural support that exceeds customer expectations through innovation, function and performance. Unequalled customer service and technical support, as well as a global network of industry-leading distributors, assures our customers that CPI is dedicated to delivering IT infrastructure solutions designed to meet their needs.

### Flexibility

Achieve Data Center Objectives  
Broad Product Selection  
Customized Configurations  
Adaptable for Future Applications

### Availability

Global Network of Distributors  
Short Factory Lead Times  
On-Time Delivery

### Reliability

High Quality Products  
Customer Service & Technical Support  
Heavy Duty Packaging

## The CPI Total Solution Includes:

Equipment Support	Cable Management
Cable Pathways	Grounding & Bonding
Security & Monitoring	Thermal Management
Power Distribution	Seismic Bracing



### CPI Locations

#### USA

Corporate Office  
Weslake Village, CA  
818-735-6100

Chatsworth, CA Operations  
818-882-8595

Georgetown, TX Operations  
512-863-7800

New Bern, NC Operations  
252-514-2779

#### Caribbean and Latin America

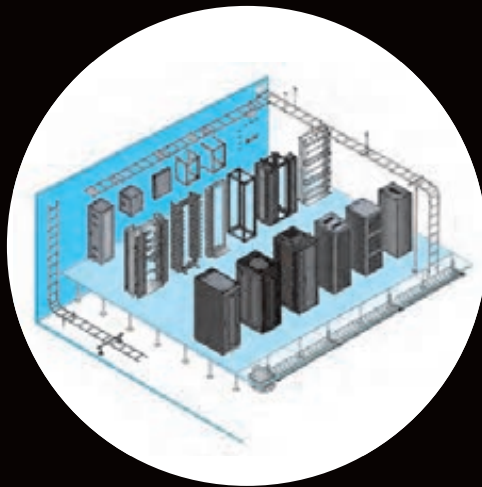
Mexico City, Mexico  
+52 55 5203-7525  
Toll Free 01-800-201-7592

#### Europe, Middle East, Africa

Buckinghamshire, England  
+44 808-234-4497

#### Asia Pacific

Pudong, Shanghai  
+86 21 6880 0266



Find more information about CPI Cable Runway & Tray Products at  
[www.chatsworth.com/pathway](http://www.chatsworth.com/pathway)

800-834-4969

[techsupport@chatsworth.com](mailto:techsupport@chatsworth.com)

All products quoted are subject to availability based on manufacturing capacity and shipping dates should be considered estimates only. While every effort has been made to ensure the accuracy of all information, CPI does not accept liability for any errors or omissions and reserves the right to change information and descriptions of listed services and products.

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