

## Application System Icons

The parts in the following catalog sections can be used with one or more of the Cent-R-Rail systems. We have provided the following application icons to indicate the systems each item is compatible with.



Compatibility with Data-Track™



Compatibility with VertI-Rack™

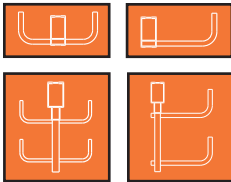
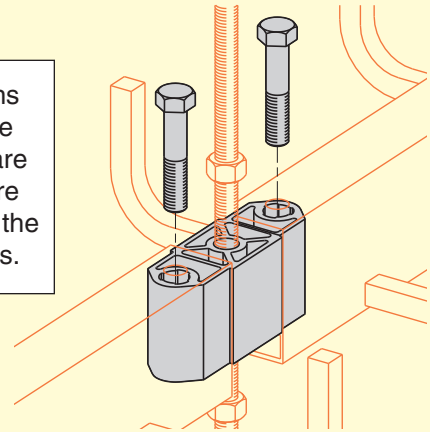


Compatibility with Half-Rack™



Compatibility with Multi-Tier Half-Rack™

Shaded items shown in the illustrations are items that are provided with the part numbers.

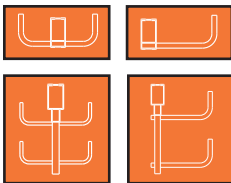
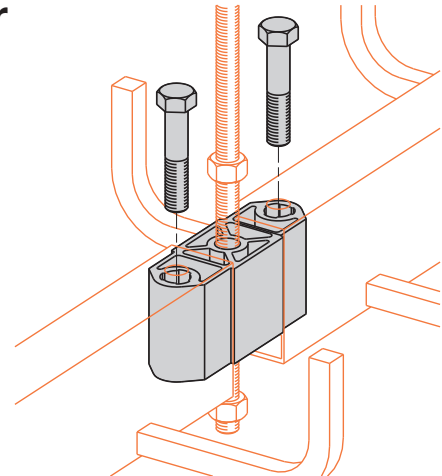


## Qwik-Bolt™ Splice Hanger

Cat. No.
● CAS-SB

Patented (see page 117)

- One splice included with each straight section
- Bolts screw directly into splice, minimizing hardware
- Splice protects cables from center rail edges
- Vertical hardware removes hardware from cable fill area
- Shipped assembled with required hardware
- Designed to install with 1/2" ATR
- UL classified for grounding - 1000 amps

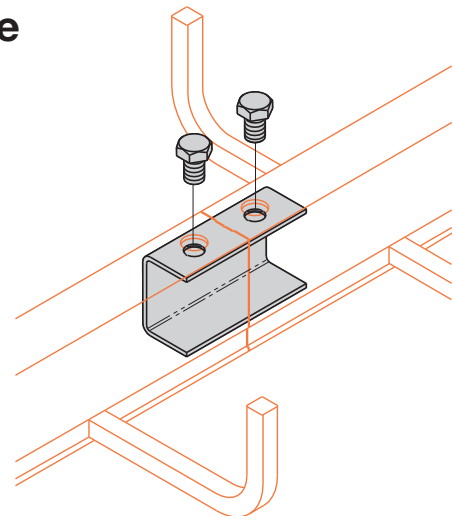


## Qwik-Bolt™ No Gap Splice

Cat. No.
● CAS-NG

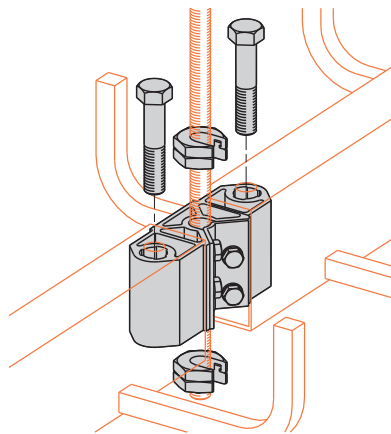
Patented (see page 117)

- A straight splice option
- Bolts screw directly into splice, minimizing hardware
- Vertical hardware removes hardware from cable fill area
- Shipped assembled with required hardware
- UL classified for grounding - 1000 amps
- Straight section length (using this splice) is 142 or 118 inches
- For use where ATR is not required through the splice hanger



Note: All connectors are aluminum material and sized for 1/2" zinc plated steel hardware, unless otherwise specified.

● Green = Fastest shipped items    ● Black = Normal lead-time items    ● Red = Normally long lead-time items

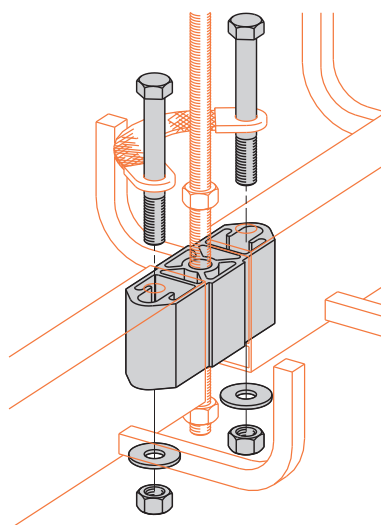
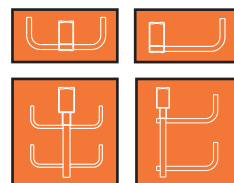


## Qwik-Bolt™ Splice Hanger

Cat. No.
● CAS-CB

Patented (see page 117)

- Side mounts to existing 1/2" ATR
- Qwik-Bolt design
- Shipped with required hardware
- UL classified for grounding - 1000 amps

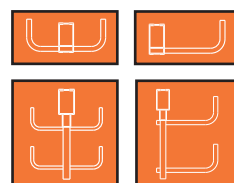


## Expansion Splice Hanger

Cat. No.	Tray Type
● CAS-EB1	Data-Track™ & Half-Rack™
● CAS-EB2	Verti-Rack™ & Multi-Tier Half-Rack™

Patented (see page 117)

- Allows for 1" (25mm) of tray expansion and contraction
- Shipped with required hardware
- Order grounding jumper CAM-GJ separately (see page 148)

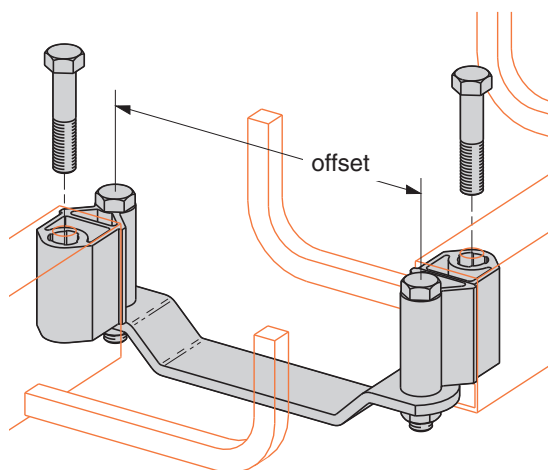


**Table 1**  
Maximum Spacing  
Between Expansion  
Joints that Provide for  
1" (25mm) Movement

Temperature Differential		Aluminum	
°F	(°C)	ft	(m)
25	(14)	260	(79)
50	(28)	130	(40)
75	(42)	87	(27)
100	(56)	65	(20)
125	(69)	52	(16)
150	(83)	43	(13)
175	(97)	37	(11)

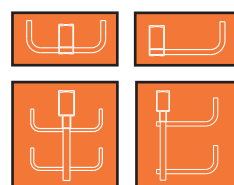
It is important that thermal contraction and expansion be considered when installing cable tray systems. The length of the straight cable tray runs and the temperature differential govern the number of expansion splice plates required (See Table 1).

## Horizontal Offset Coupling



Cat. No.	Offset	
	in.	(mm)
● CAC-OH050B	5.0	(125)
● CAC-OH065B	6.5	(165)
● CAC-OH080B	8.0	(200)
● CAC-OH100B	10.0	(250)
● CAC-OH130B	13.0	(330)

- Designed to provide horizontal offset
- Ideal for connecting Data-Track™ to Half-Rack™
- Pivoting connections
- Qwik-Bolt design
- Shipped assembled with required hardware
- UL classified for grounding - 1000 amps
- 7/8" (22mm) adjustment on offset

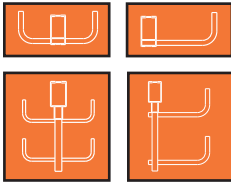


Patented (see page 117)

Refer to tray widths on  
pg. 122 to determine  
offset needed

Note: All connectors are aluminum material and sized for 1/2" zinc plated steel hardware, unless otherwise specified.

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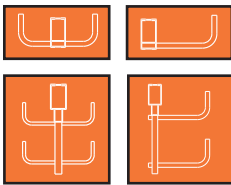
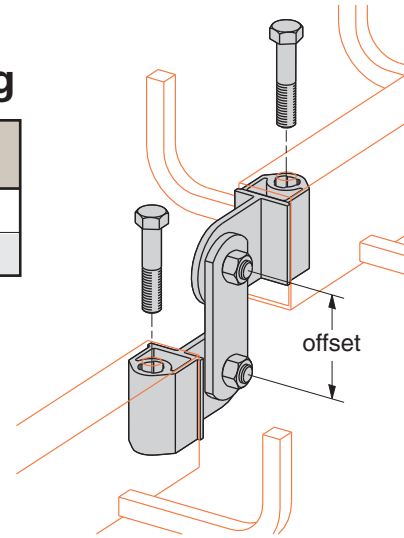


## Vertical Offset Coupling

Cat. No.	Offset	
	in.	(mm)
● <b>CAC-OV030B</b>	3.0	(75)
● <b>CAC-OV060B</b>	6.0	(150)

Patented (see page 117)

- Designed to provide vertical offset
- Pivoting connections
- Qwik-Bolt™ design
- Shipped assembled with required hardware
- UL classified for grounding - 1000 amps

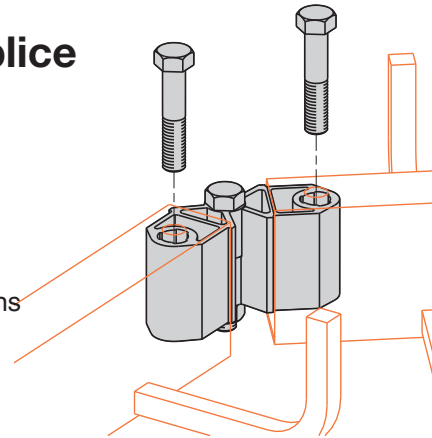


## Horizontal Adjustable Splice

Cat. No.
● <b>CAS-HB</b>

Patented (see page 117)

- Allows random angle horizontal bend
- Also can be used to connect straight sections at mid-run locations
- Qwik-Bolt design
- Shipped assembled with required hardware
- UL classified for grounding - 1000 amps



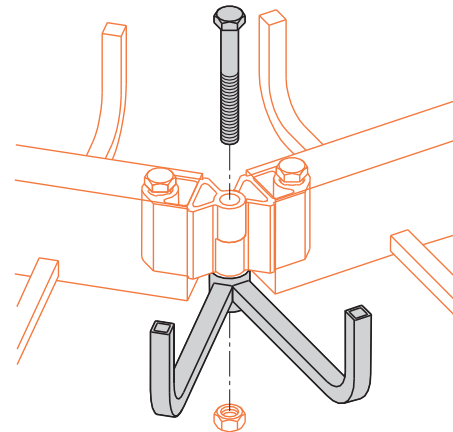
## Horizontal Bend Rung Support

Cat. No.
● <b>CAR-H3-06</b>
● <b>CAR-H3-09</b>
● <b>CAR-H3-12</b>
● <b>CAR-H3-18</b>
● <b>CAR-H3-24</b>
● <b>CAR-H4-06</b>
● <b>CAR-H4-09</b>
● <b>CAR-H4-12</b>
● <b>CAR-H4-18</b>
● <b>CAR-H4-24</b>
● <b>CAR-H6-06</b>
● <b>CAR-H6-09</b>
● <b>CAR-H6-12</b>
● <b>CAR-H6-18</b>
● <b>CAR-H6-24</b>

Cat. No.	
<b>CAR-H3-06</b>	
Loading Depth	Tray Width
3 = 3"	06 = 6"
4 = 4"	09 = 9"
6 = 6"	12 = 12"
	18 = 18"
	24 = 24"

Patented (see page 117)

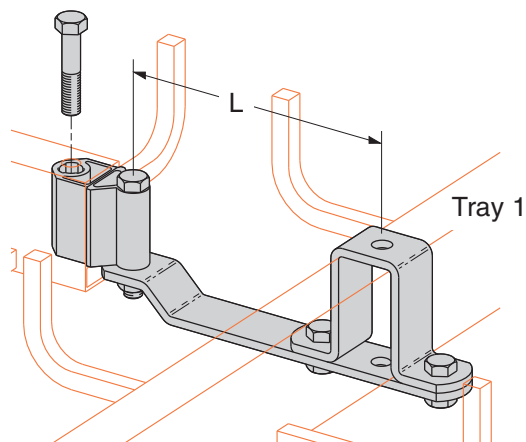
- Use with CAS-HB
- For additional cable support on the outside of bends
- Select fill depth and width required
- Shipped with required hardware (1 pc. HHCS - 1/2" x 4" znplt)
- Rungs set at 45° angle



Note: All connectors are aluminum material and sized for 1/2" zinc plated steel hardware, unless otherwise specified.

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## Data-Track™ Horizontal Tee Coupling

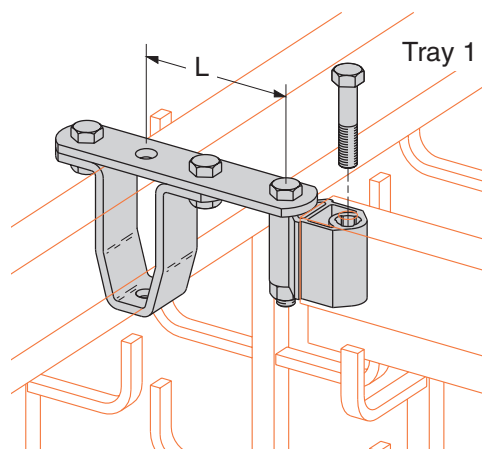


Patented (see page 117)

Tray 1 Width		Cat. No.	L	
in.	(mm)		in.	(mm)
6	(150)	● <b>CAC-HTD06B</b>	5	(125)
9	(225)	● <b>CAC-HTD09B</b>	6½	(165)
12	(300)	● <b>CAC-HTD12B</b>	8	(200)
18	(450)	● <b>CAC-HTD18B</b>	10	(250)
24	(600)	● <b>CAC-HTD24B</b>	13	(330)

- Used to make tee, elbow or wye
- Allows random attachment to center rail without drilling
- Pivoting connection
- Qwik-Bolt™ Design
- Shipped assembled with required hardware
- 9/16" (14mm) hole provided for optional support ATR
- 7/16" (11mm) adjustment slot
- UL classified for grounding - 1000 amps

## Verti-Rack™ Horizontal Tee Coupling

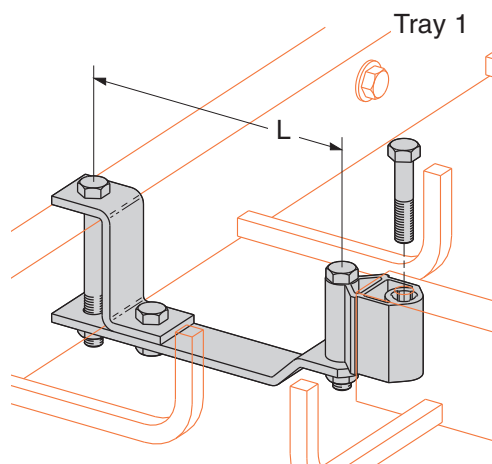


Patented (see page 117)

Tray 1 Width		Cat. No.	L	
in.	(mm)		in.	(mm)
3	(75)	● <b>CAC-HTV03B</b>	3	(75)
6	(150)	● <b>CAC-HTV06B</b>	4½	(115)
9	(225)	● <b>CAC-HTV09B</b>	6	(150)
12	(300)	● <b>CAC-HTV12B</b>	7½	(190)

- Used to make tee, elbow or wye
- Allows random attachment to center rail without drilling
- Pivoting connection
- Qwik-Bolt design
- Shipped assembled with required hardware
- 7/16" (11mm) adjustment slot
- UL classified for grounding - 1000 amps

## Half-Rack™ Horizontal Tee Coupling



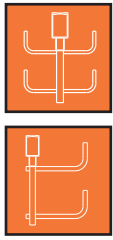
Patented (see page 117)

Tray 1 Width		Cat. No.	L	
in.	(mm)		in.	(mm)
3	(75)	● <b>CAC-HTH03B</b>	5	(125)
6	(150)	● <b>CAC-HTH06B</b>	8	(200)
9	(225)	● <b>CAC-HTH09B</b>	11	(275)
12	(300)	● <b>CAC-HTH12B</b>	14	(355)

- Used to make tee, elbow or wye
- Allows random attachment to center rail
- Pivoting connection
- Qwik-Bolt design
- Shipped assembled with required hardware
- UL classified for grounding - 1000 amps

Note: All connectors are aluminum material and sized for 1/2" zinc plated steel hardware, unless otherwise specified.

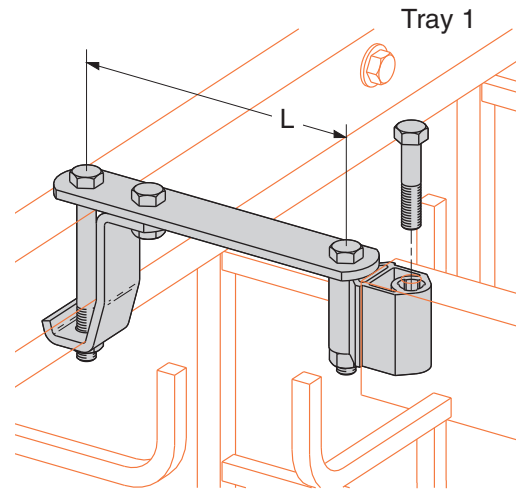
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## Multi-Tier Half-Rack™ Horizontal Tee Coupling

Tray 1 Width		Cat. No.	L	
in.	(mm)		in.	(mm)
3	(75)	● <b>CAC-HTM03B</b>	5	(125)
6	(150)	● <b>CAC-HTM06B</b>	8	(200)
9	(225)	● <b>CAC-HTM09B</b>	11	(275)
12	(300)	● <b>CAC-HTM12B</b>	14	(355)

- Used to make tee, elbow or wye
- Allows random attachment to center rail
- Pivoting connection
- Qwik-Bolt™ design
- Shipped assembled with required hardware
- UL classified for grounding - 1000 amps



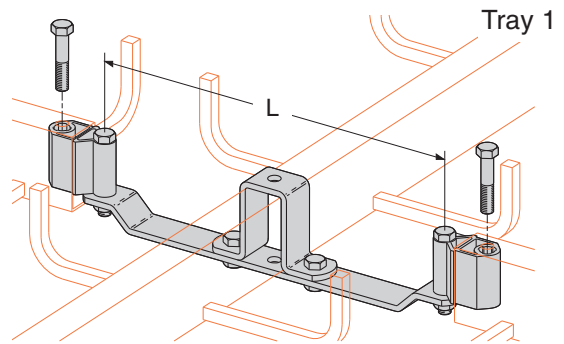
Patented (see page 117)



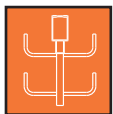
## Data-Track™ Horizontal Cross Coupling

Tray 1 Width		Cat. No.	L	
in.	(mm)		in.	(mm)
6	(150)	● <b>CAC-HXD06B</b>	10	(250)
9	(225)	● <b>CAC-HXD09B</b>	13	(330)
12	(300)	● <b>CAC-HXD12B</b>	16	(400)
18	(450)	● <b>CAC-HXD18B</b>	20	(500)
24	(600)	● <b>CAC-HXD24B</b>	26	(650)

- Allows random attachment to center rail without drilling
- Pivoting connections
- Qwik-Bolt design
- Shipped assembled with required hardware
- 9/16" (14mm) hole provided for optional support ATR
- UL classified for grounding - 1000 amps



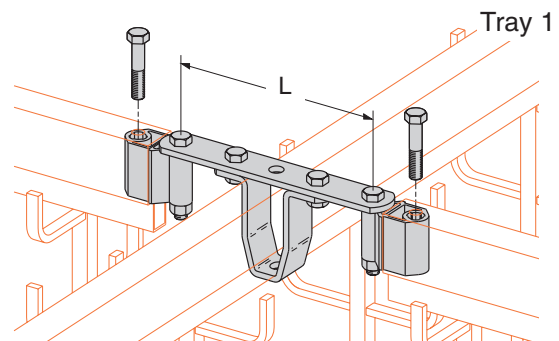
Patented (see page 117)



## Verti-Rack™ Horizontal Cross Coupling

Tray 1 Width		Cat. No.	L	
in.	(mm)		in.	(mm)
3	(75)	● <b>CAC-HXV03B</b>	3	(75)
6	(150)	● <b>CAC-HXV06B</b>	9	(225)
9	(225)	● <b>CAC-HXV09B</b>	12	(300)
12	(300)	● <b>CAC-HXV12B</b>	15	(375)

- Allows random attachment to center rail without drilling
- Pivoting connections
- Qwik-Bolt design
- Shipped assembled with required hardware
- 9/16" (14mm) hole provided for optional support ATR
- UL classified for grounding - 1000 amps



Patented (see page 117)

Note: All connectors are aluminum material and sized for 1/2" zinc plated steel hardware, unless otherwise specified.

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