



# METAL

## CABLE MANAGEMENT

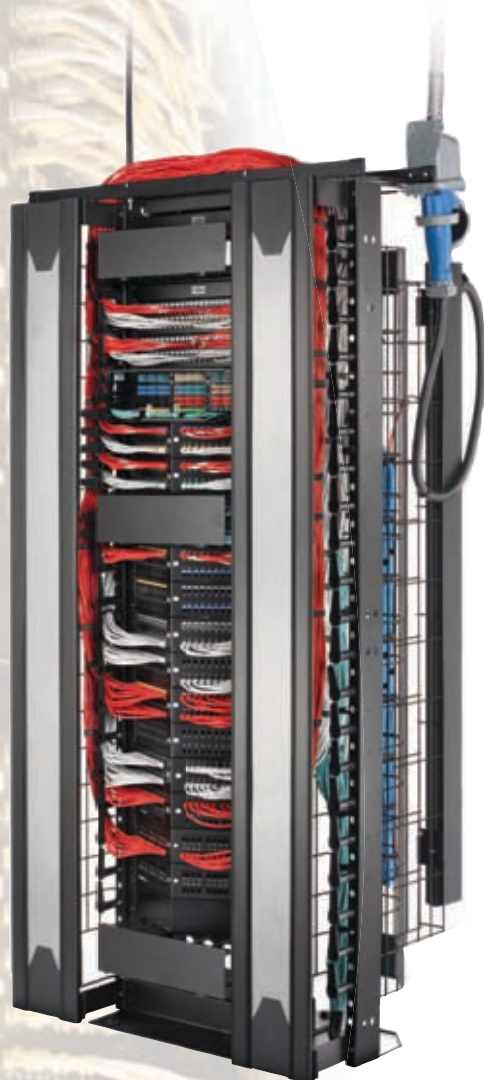
Hubbell's NEXTFRAME® family of cable management products are for high density cabling requirements in data centers and telecommunication rooms. NEXTFRAME® products have been designed to maximize air flow, support increased load capacity and provide easy access to cables and patch cords.





## CABLE MANAGEMENT

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## Design

Vertical cable management is constructed of high quality US steel.



## Aesthetics

Customizable door panels provide a personalized appearance.



## Cable Routing

3" and 6" patch cord management spools can be placed along the vertical rail to ensure alignment and bend radius.



## Versatility

Large capacity channels provide a streamlined routing path for cable dressing.

## HUBBELL Advantage

- Designed to Provide Maximum Cable Capacity
- Easy Front and Rear Access for Routing and Installing Cable Bundles
- Accommodates High Density (Active Equipment) Port Count
- Open Design Provides Maximum Airflow, Reducing Energy Costs

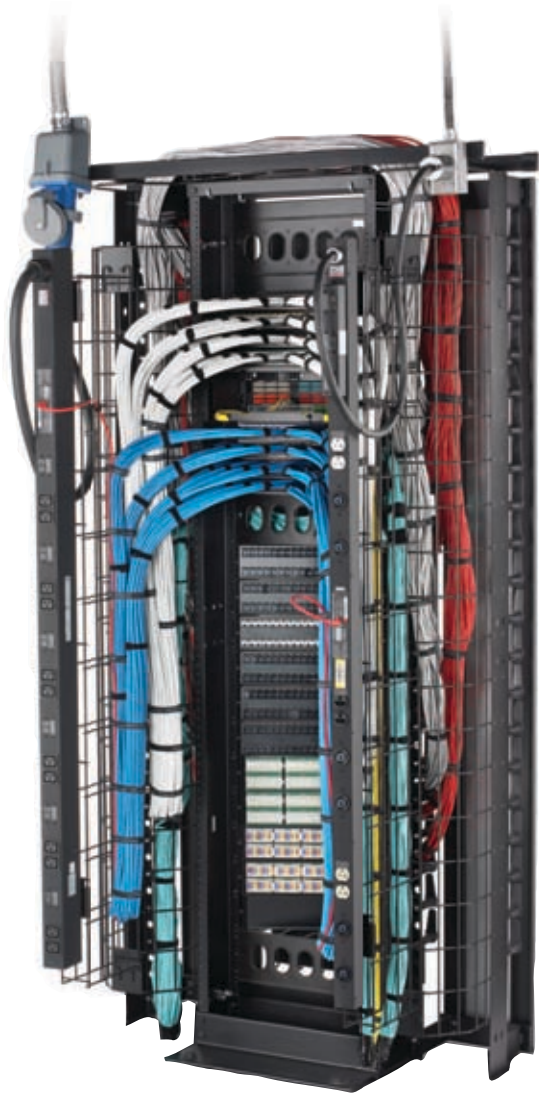
## Specifications

- Material
  - Management organizer: steel rod web construction
  - Door: aluminum
  - Door hinges: steel
- Finish: durable black powder coat

## Standards/Listings/Verifications

- UL Listed 1863





### Capacity

XXL Vertical managers will hold thousands of category rated patch cords and horizontal cables.



### Simplicity

Y-Frame construction enhances cable management, providing multiple tie off locations to organize cable routing.



### Flexibility

Mounting plates provide an easy way to install power strips.

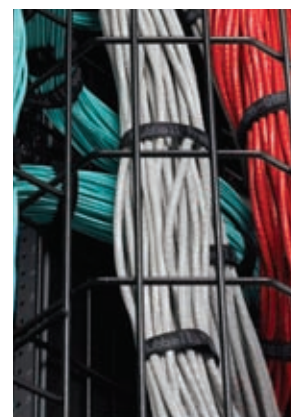


### Mounting

XXL organizers are designed with a universal mounting hole pattern to mount with most industry relay racks.



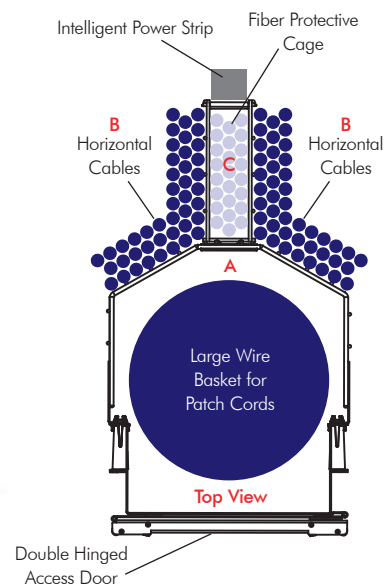
Separates horizontal cable from one rack bay to the next.



Vertical frame allows for convenient cable management.



Simplifies organizing cables into neat bundles and securing them in place.



Maximizes cable capacity

|               |                          |                           |                         | Front Area 'A'<br>(Square Inches) |                    |                    |                   | Rear Area 'B'<br>(Square Inches) |                    |                    |                   | Rear Inside 'C'<br>(Square Inches) |                    |                    |                   |
|---------------|--------------------------|---------------------------|-------------------------|-----------------------------------|--------------------|--------------------|-------------------|----------------------------------|--------------------|--------------------|-------------------|------------------------------------|--------------------|--------------------|-------------------|
| Catalog No.   | Channel Width<br>In (mm) | Channel Depth<br>In. (mm) | Spool Depth<br>In. (mm) | Sq. In.                           | .25 Dia.<br>Cables | .29 Dia.<br>Cables | .34 Dia<br>Cables | Sq. In.                          | .25 Dia.<br>Cables | .29 Dia.<br>Cables | .34 Dia<br>Cables | Sq. In.                            | .25 Dia.<br>Cables | .29 Dia.<br>Cables | .34 Dia<br>Cables |
| <b>XS0610</b> | 6" (152)                 | 13.5" (343)               | 3" (76)                 | 70                                | 569                | 423                | 308               | 34                               | 276.59             | 205.55             | 150               | 25                                 | 206                | 153                | 111               |
| <b>XS0615</b> | 6" (152)                 | 15.5" (394)               | 7.75" (197)             | 86                                | 705                | 524                | 381               | 34                               | 276.59             | 205.55             | 150               | 25                                 | 206                | 153                | 111               |
| <b>XS1010</b> | 10" (254)                | 14.13" (359)              | 3" (76)                 | 118                               | 965                | 717                | 522               | 76                               | 623.41             | 463.30             | 337               | 25                                 | 206                | 153                | 111               |
| <b>XS1015</b> | 10" (254)                | 18.88" (479)              | 7.75" (197)             | 154                               | 1255               | 933                | 679               | 76                               | 623.41             | 463.30             | 337               | 25                                 | 206                | 153                | 111               |
| <b>XS1510</b> | 15" (381)                | 14.13" (359)              | 3 (76)"                 | 179                               | 1459               | 1084               | 789               | 130                              | 1056.94            | 785.48             | 571               | 25                                 | 206                | 153                | 111               |
| <b>XS1515</b> | 15" (381)                | 18.88" (479)              | 7.75" (197)             | 238                               | 1943               | 1444               | 1050              | 130                              | 1056.94            | 785.48             | 571               | 25                                 | 206                | 153                | 111               |



## XXL ORGANIZERS VERTICAL CABLE MANAGEMENT



Panel shown with logo

XXL organizers can be customized by changing the color of the inserts and by adding a logo or image.  
Contact Hubbell Customer Service for a complete quotation 1-800-626-0005.

### XXL Series Vertical Organizers

| Insert Color | Height<br>Inches (mm) | Width<br>Inches (mm) | Depth<br>Inches (mm) | Catalog No.     |
|--------------|-----------------------|----------------------|----------------------|-----------------|
| Silver       | 84" (2134)            | 6" (152)             | 14.125" (359)        | <b>XS0610</b>   |
| Silver       | 84" (2134)            | 6" (152)             | 18.875" (479)        | <b>XS0615</b>   |
| Silver       | 84" (2134)            | 10" (254)            | 14.125" (359)        | <b>XS1010</b>   |
| Silver       | 84" (2134)            | 10" (254)            | 18.875" (479)        | <b>XS1015</b>   |
| Silver       | 84" (2134)            | 15" (381)            | 14.125" (359)        | <b>XS1510</b>   |
| Silver       | 84" (2134)            | 15" (381)            | 18.875" (479)        | <b>XS1515</b>   |
| Black        | 84" (2134)            | 6" (152)             | 14.125" (359)        | <b>XS0610BK</b> |
| Black        | 84" (2134)            | 6" (152)             | 18.875" (479)        | <b>XS0615BK</b> |
| Black        | 84" (2134)            | 10" (254)            | 14.125" (359)        | <b>XS1010BK</b> |
| Black        | 84" (2134)            | 10" (254)            | 18.875" (479)        | <b>XS1015BK</b> |
| Black        | 84" (2134)            | 15" (381)            | 14.125" (359)        | <b>XS1510BK</b> |
| Black        | 84" (2134)            | 15" (381)            | 18.875" (479)        | <b>XS1515BK</b> |



XS1010



HPW84RR19D

### NEXTFRAME® 3" and 6" Equipment Racks

| Finish | Rack Units | Height<br>Inches (mm) | Width<br>Inches (mm) | Depth<br>Inches (mm) | Catalog No.       |
|--------|------------|-----------------------|----------------------|----------------------|-------------------|
| Black  | 45         | 84" (2134)            | 19" (483)            | 3" ( 76 )            | <b>HPW84RR19</b>  |
| Black  | 45         | 84" (2134)            | 23" (584)            | 3" ( 76 )            | <b>HPW84RR23</b>  |
| Black  | 45         | 84" (2134)            | 19" (483)            | 6" ( 152 )           | <b>HPW84RR19D</b> |



### **Simplified**

Straightforward, structured, comprehensive system.



### **Installation**

Integrated vertical management with racking system consolidates hardware infrastructure components.



### **Strength**

1400lb load capacity and 100% utilization of rack space.

### **Design**

Innovative iFRAME® column system integrates grounding and bonding, power distribution, cable management, and equipment racking.

## **HUBBELL Advantage**

- Patented Network Hardware Management System
- Fewer Parts than a Standard Rack
- iFRAME® Reduces Traditional Rack Footprint by 15%
- Designed to Optimize Airflow

### **Specifications**

- 14ga cold-rolled steel
- Rails tapped #12-24
- Suitable for 400 front and 400 rear UTP cables
- Static load capacity: 1,400lb

### **Standards/Listings/Verifications**

- UL 1863 Listed
- EIA 310-D compliant universal mounting



### Flexibility

The modularity of the system allows additional racks to be installed by adding more iFRAME® columns at a later date.



### Cable Management

Spools snap in place; locations at every rack position.



### Efficiency

Columns mount on 2 foot pitch to align with floor and ceiling grids.



### Versatility

iFRAME® column system easily mounts to the floor with just four bolts.



## iFRAME® Column System – Telecomm Rack Installation Simplified



4-post iFRAME®

### iFRAME® Column

Contents: 1 iFRAME® column weldment, 1 bottom alignment installation aid and 1 iFRAME® top plate floor template, 1 full height front cover with 4 heavy-duty floor anchor washers dual-acting hinges and 2 dual-acting front cover hinges (not included in IS7E), 20 #12-24 x 5/8" dog point machine screws, 4 4" gates (Catalog No. VCG4) and washers, 12 snap in place cable routing spools, and 1 assembly hardware kit.

| Rack<br>Units                                   | Height<br>Inches (mm) |              | Width<br>In. (mm) | Rail<br>Depth<br>In. (mm) | Overall<br>Depth<br>In. (mm) | Hole Type      | Color | Catalog No.    |
|-------------------------------------------------|-----------------------|--------------|-------------------|---------------------------|------------------------------|----------------|-------|----------------|
|                                                 | Overall               | Usable       |                   |                           |                              |                |       |                |
| Use: Without Raised Floor                       |                       |              |                   |                           |                              |                |       |                |
| 45                                              | 84" (2134)            | 78.8" (2002) | 5" (13)           | 3" (8)                    | 14.17" (360)                 | 12-24 Threaded | Black | <b>IS7</b>     |
| 45                                              | 84" (2134)            | 78.8" (2002) | 10" (25)          | 3" (8)                    | 14.17" (360)                 | 12-24 Threaded | Black | <b>IS710</b>   |
| 45                                              | 84" (2134)            | 78.8" (2002) | 15" (38)          | 3" (8)                    | 14.17" (360)                 | 12-24 Threaded | Black | <b>IS715</b>   |
| Use: Square Holes with Cage Nuts                |                       |              |                   |                           |                              |                |       |                |
| 45                                              | 84" (2134)            | 78.8" (2002) | 5" (13)           | 3" (8)                    | 14.17" (360)                 | Square         | Black | <b>IS7M6</b>   |
| 45                                              | 84" (2134)            | 78.8" (2002) | 10" (25)          | 3" (8)                    | 14.17" (360)                 | Square         | Black | <b>IS7M610</b> |
| Use: As the Rear Columns in 4-Post Applications |                       |              |                   |                           |                              |                |       |                |
| 45                                              | 84" (2134)            | 78.8" (2002) | 5" (13)           | 3" (8)                    | 14.17" (360)                 | 12-24 Threaded | Black | <b>IS7E</b>    |

Note: Order two columns for the first rack in a line, then order only one column for each additional rack.

### iFRAME® Column Seismic

Contents: 1 iFRAME® column weldment, 1 bottom alignment installation aid and 1 iFRAME® top plate floor template, 1 full height front cover with 4 heavy-duty floor anchor washers dual-acting hinges and 2 dual-acting front cover hinges (not included in IS7E), 20 #12-24 x 5/8" dog point machine screws, 4 4" gates (Catalog No. VCG4) and washers, 12 snap in place cable routing spools, and 1 assembly hardware kit.

| Rack<br>Units             | Height<br>Inches (mm) |              | Width<br>In. (mm) | Rail<br>Depth<br>In. (mm) | Overall<br>Depth<br>In. (mm) | Hole Type      | Color | Catalog No.  |
|---------------------------|-----------------------|--------------|-------------------|---------------------------|------------------------------|----------------|-------|--------------|
|                           | Overall               | Usable       |                   |                           |                              |                |       |              |
| Use: Without Raised Floor |                       |              |                   |                           |                              |                |       |              |
| 45                        | 84" (2134)            | 78.8" (2002) | 5" (13)           | 3" (8)                    | 14.17" (360)                 | 12-24 Threaded | Black | <b>IS7Z4</b> |



IS7

Shown: door open, door closed

**Cable Management Spools**

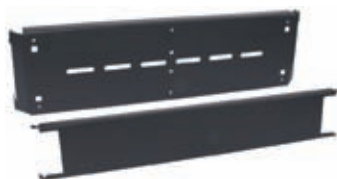

| Description                                | Catalog No.   |
|--------------------------------------------|---------------|
| Package of 50 spools 3", black             | <b>ICKSS</b>  |
| Package of 50 spools and screws, 6", black | <b>ICKSS6</b> |
| Package of 50 spools and screws, 9", black | <b>ICKSS9</b> |

**Top Ladder Rack**


| Color | Ladder Dimensions | Stringer Dimensions | Catalog No. |
|-------|-------------------|---------------------|-------------|
| Black | 2" H x 12" W      | 1 1/2" x 3/8"       | <b>ICKL</b> |

**Spacer Kit, 23"**

Contents: top for 23" column spacing and bottom for 23" column spacing



| Color | Catalog No.  |
|-------|--------------|
| Black | <b>ICK23</b> |

**Power Kit**

Contents: 4" square work box, 20A receptacle L5-20R - **TWIST-LOCK®**, face plate, assembly hardware kit



| Description                            | Receptacle Color | Receptacle | Catalog No.     |
|----------------------------------------|------------------|------------|-----------------|
| iFRAME® power kit                      | Black            | HBL2310    | <b>ICKP20</b>   |
| iFRAME® power kit with isolated ground | Orange           | IG2310     | <b>ICKP20IG</b> |

**Category 6A Rear Cable Management Kit**

Contents: 12" W x 6' L ladder rack sticks (Catalog No. HLS0612B), 12" W x 24" L iFRAME® top ladder, 27" W x 24" L iFRAME® top ladder, wall mounting kit (Catalog No. HLX0612), T-splice kit (Catalog No. HLTK) and mounting brackets



ICKC shown installed

| Color | Catalog No. |
|-------|-------------|
| Black | <b>ICKC</b> |

**4-Post Rack Kit**

Contents: adjustable brackets (for spacing columns front to rear) and assembly hardware kit



| Description                              | Catalog No.  |
|------------------------------------------|--------------|
| For 27" to 39" equipment mounting depth. | <b>ISK4P</b> |

**Power Strip Mounting Brackets for 5" Wide iFRAME® Columns**

Contents: mounting brackets and assembly hardware kit

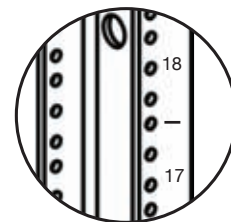


| Description       | Catalog No.  |
|-------------------|--------------|
| Mounting Brackets | <b>ICKPM</b> |



**HUBBELL**  
**NEXTFRAME**

## EQUIPMENT RACKS



### Efficiency

Rack mount unit is individually numbered for easy equipment location.



### Rigidity

6" rack supplies additional support for larger cable bundling and Category 6A applications.



### Versatility

Available in a variety of sizes and mounting configurations, **NEXTFRAME®** racks provide easy access to cabling and equipment.

## HUBBELL Advantage

- Available in Various Depths and Configurations
- Quick and Easy Assembly
- Universal Mounting Hole Pattern
- Minimal Packaging Reduces Construction Site Waste

### Specifications

- Rack material: aluminum
- Finish: durable black powder coat or mill finish
- Weight capacity: 500lb when properly secured to floor
- Floor mount two post rack supports 19" EIA wide rack-mount equipment

### Standards

- UL Listed 1863
- EIA-310-D compliant





## 3" Equipment Rack

| Rack Units | Height Inches (mm) | Width Inches (mm) | Rail Depth Inches (mm) | Hole Type       | Color | Catalog No.       |
|------------|--------------------|-------------------|------------------------|-----------------|-------|-------------------|
| 24         | 48" (1219)         | 19" (483)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW48RR19*</b> |
| 24         | 48" (1219)         | 23" (584)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW48RR23*</b> |
| 36         | 68.5" (1676)       | 19" (483)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW66RR19*</b> |
| 45         | 84" (2134)         | 19" (483)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW84RR19*</b> |
| 45         | 84" (2134)         | 23" (584)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW84RR23*</b> |
| 48         | 89.7" (2286)       | 19" (483)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW90RR19*</b> |
| 48         | 89.7" (2286)       | 23" (584)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW90RR23</b>  |
| 51         | 96" (2438)         | 19" (483)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW96RR19*</b> |
| 51         | 96" (2438)         | 23" (584)         | 3" (76)                | #12-24 Threaded | Black | <b>HPW96RR23*</b> |

\*Add **"ML"** at end of Catalog No. for Mill Finish.



HPW84RR19



CS1976A

## 3" Equipment Rack with 6" Wide Z-Channels

| Rack Units | Height Inches (mm) | Width Inches (mm) | Rail Depth Inches (mm) | Z Depth Inches (mm) | Cover Style | Color    | Catalog No.    |
|------------|--------------------|-------------------|------------------------|---------------------|-------------|----------|----------------|
| 45         | 84" (2134)         | 19" (483)         | 3" (76)                | 6" (152)            | Hinged      | Black    | <b>CS1976H</b> |
| 45         | 84" (2134)         | 19" (483)         | 3" (76)                | 6" (152)            | Clip On     | Black    | <b>CS1976</b>  |
| 45         | 84" (2134)         | 19" (483)         | 3" (76)                | 6" (152)            | Clip On     | Aluminum | <b>CS1976A</b> |

## 6" Equipment Rack

| Rack Units | Height Inches (mm) | Width Inches (mm) | Rail Depth Inches (mm) | Hole Type       | Color | Catalog No.       |
|------------|--------------------|-------------------|------------------------|-----------------|-------|-------------------|
| 45         | 84" (2134)         | 19" (483)         | 6" (152)               | #12-24 Threaded | Black | <b>HPW84RR19D</b> |



HPW84RR19D

## 4-Post, 19" Equipment Rack

| Rack Units | Overall Height Inches (mm) | Usable Height Inches (mm) | Overall Width Inches (mm) | Depth Inches (mm) | Hole Type       | Color | Catalog No.      |
|------------|----------------------------|---------------------------|---------------------------|-------------------|-----------------|-------|------------------|
| 45         | 84" (2134)                 | 79" (2007)                | 20.2" (513)               | 24" (610)         | #12-24 Threaded | Black | <b>SF841924T</b> |
| 45         | 84" (2134)                 | 79" (2007)                | 20.2" (513)               | 29.23" (742)      | #12-24 Threaded | Black | <b>SF841929T</b> |
| 45         | 84" (2134)                 | 79" (2007)                | 20.2" (513)               | 36" (914)         | #12-24 Threaded | Black | <b>SF841936T</b> |
| 45         | 84" (2134)                 | 79" (2007)                | 20.2" (513)               | 24" (610)         | Square          | Black | <b>SF841924</b>  |
| 45         | 84" (2134)                 | 79" (2007)                | 20.2" (513)               | 29.23" (742)      | Square          | Black | <b>SF841929</b>  |
| 45         | 84" (2134)                 | 79" (2007)                | 20.2" (513)               | 36" (914)         | Square          | Black | <b>SF841936</b>  |



SF841924T



## Flexibility

Depending on the application or requirement, the Z-channel can be mounted to either a 4-post or standard rack.



## Management

Cable management spools can be located along the length of the channel (front and back) for proper location of cable routing.



## Rigidity

Z-channel design provides superior strength supporting the increased weight of cable bundles.



## Versatility

Hinged door swings from the left and the right for easy access to patch cables in either rack.

## HUBBELL Advantage

- Z-Channel Design Allows Cables to Pass Through for Easy Routing
- Quick and Easy Assembly
- Separates and Organizes
- Minimal Packaging Reduces Construction Site Waste

## Specifications

- Channel material: Z-channel: 14ga cold rolled steel
- Cover material: 16ga cold rolled steel
- Finish: durable black or aluminum color powder coat finish

## Standards

- Packaged to meet Telcordia GR-63-CORE transportation requirements
- U.S. Patent No. 6,347,714





### Vertical Organizers

#### Z-Channel, 6" with Cover

Contents: VS76(A): 2 Z-channels 38.5" H x 6" W x 10.5" D  
 2 covers 38.5" W x 6" W  
 VS86(A): 1 Z-channel and 1 cover for:  
 lower, 45.38" H x 6" W x 10.5" D  
 upper, 38.5" H x 6" W  
 4 gates  
 24 spools  
 4 1/2"-13 x 1" bolts with nuts and washers

|                          |              |
|--------------------------|--------------|
| Rack Height              | Black        |
| Inches (mm)              | Catalog No.  |
| 7' (2134) or 7.5' (2286) | <b>VS76*</b> |
| 8' (2438)                | <b>VS86*</b> |



VS46

#### Z-Channel, 6" (for Short Racks)

Contents: 1 Z-channel 38.5" H x 6" W x 10.5" D  
 16 spools  
 2 1/2"-13 x 1" bolts with nuts and washers

|                           |              |
|---------------------------|--------------|
| 4' (1219) and 5.5' (1676) | <b>VS46*</b> |
|---------------------------|--------------|



VS73

#### Z-Channel, 4 1/2" Wide, 0.25" Dia.

Contents: 2 Z-channels, 38.50" x 4.5" x 10.5"  
 24 spools  
 4 1/2"-13 x 1" bolts with nuts and washers

|           |             |
|-----------|-------------|
| 7' (2134) | <b>VS74</b> |
|-----------|-------------|

#### C-Channel, 3 1/4" Wide

Contents: 2 C-channels 38.5" H x 3.25" W x 10.5" D  
 24 spools  
 4 1/2"-13 x 1" bolts with nuts and washers

|           |              |
|-----------|--------------|
| 7' (2134) | <b>VS73*</b> |
|-----------|--------------|

\*Add "A" at end of Catalog No. for Aluminum.

### Vertical Organizers with Hinged Covers

Contents: 2 Z-channels 38.5" H x 12.5" D  
 2 38.5" covers  
 4 hinges and gates  
 24 spools  
 4 1/2"-13 x 1" bolts with nuts and washers

| Color | Rack Height<br>In. (mm) † | 6" Wide<br>Catalog No. | 4 1/2" Wide<br>Catalog No. | 3 1/4" Wide<br>Catalog No. |
|-------|---------------------------|------------------------|----------------------------|----------------------------|
| Black | 7' (2134)                 | <b>VS76H</b>           | <b>VS74H</b>               | <b>VS73H</b>               |

### Covers

Contents: 1 cover

| Cover Width | 38.5" H<br>Black<br>Catalog No. | 45.38" H<br>Black<br>Catalog No. | 45.38" H<br>Aluminum<br>Catalog No. |
|-------------|---------------------------------|----------------------------------|-------------------------------------|
| 6"          | <b>VSC6*</b>                    | <b>VSC6L</b>                     | <b>VSC6LA</b>                       |
| 4"          | <b>VSC4</b>                     | <b>VSC4L</b>                     | <b>VSC4LA</b>                       |
| 3"          | <b>VSC3*</b>                    | <b>VSC3L</b>                     | <b>VSC3LA</b>                       |



VSC6

\*Add "A" at end of Catalog No. for Aluminum.

### Hinge Kit

Contents: 2 hinges and fasteners



| Color | Catalog No. |
|-------|-------------|
| Black | <b>VCKH</b> |

Note: Gates not provided; order separately.

### Joining Kit

Contents: 1 joining plate  
 4 #12-24 x 5/8" screws, nuts, washers  
 4 1/2"-13 x 1" bolts w/ nuts and washers



| Color | Catalog No. |
|-------|-------------|
| Black | <b>VCJK</b> |

### Vertical Rings

Contents: 2 vertical rings  
 1 mounting kit



MCCVMR2 MCCVMR22

| Description            | Catalog No.     |
|------------------------|-----------------|
| Bracket, one side      | <b>MCCVMR2</b>  |
| Bracket, between racks | <b>MCCVMR22</b> |

### Cable Management Spools



| Description                                | Catalog No.   |
|--------------------------------------------|---------------|
| Package of 50 spools 3", black             | <b>ICKSS</b>  |
| Package of 50 spools and screws, 6", black | <b>ICKSS6</b> |
| Package of 50 spools and screws, 9", black | <b>ICKSS9</b> |

### Fiber Spools

Contents: 5 sets of fiber spools



| Color | Catalog No.   |
|-------|---------------|
| Black | <b>VCF610</b> |



## Flexibility

Depending on the application or requirement, the C-channel can be mounted to either a 4-post or standard rack.

## HUBBELL Advantage

- Z-Channel Design Allows Cables to Pass Through for Easy Routing
- Quick and Easy Assembly
- Separates and Organizes
- Minimal Packaging Reduces Construction Site Waste



## Management

Cable management spools can be located along the length of the channel for proper location of cable routing.



## Protection

C-channel design provides added protection of the fiber and copper cable bundles.



## Versatility

Hinged door swings from the left and the right for easy access to patch cables in either rack.

## Specifications

- Channel material: Z-channel: 14ga cold rolled steel
- Cover material: 16ga cold rolled steel
- Finish: durable black or aluminum color powder coat finish

## Standards

- Packaged to meet Telcordia GR-63-CORE transportation requirements
- U.S. Patent No. 6,347,714




**3" Equipment Rack with 6" Wide C-Channels**

| Rack Units | Height Inches (mm) | Width Inches (mm) | Rail Depth Inches (mm) | C Depth Inches (mm) | Cover Style | Color    | Catalog No.    |
|------------|--------------------|-------------------|------------------------|---------------------|-------------|----------|----------------|
| 45         | 84" (2134)         | 19" (483)         | 3" (76)                | 6" (152)            | Hinged      | Black    | <b>CS1976H</b> |
| 45         | 84" (2134)         | 19" (483)         | 3" (76)                | 6" (152)            | Clip On     | Black    | <b>CS1976</b>  |
| 45         | 84" (2134)         | 19" (483)         | 3" (76)                | 6" (152)            | Clip On     | Aluminum | <b>CS1976A</b> |


**C-Channel Vertical Organizers**

Contents: 2 C-channels 38.5" H x 3.25" W x 10.5" D\*  
 24 spools  
 4 1/2"-13 x 1" bolts with nuts and washers

| Rack Height<br>Inches (mm) | Black<br>Catalog No. |
|----------------------------|----------------------|
| 7' (2134)                  | <b>VS73*</b>         |

\*Add "A" at end of Catalog No. for Aluminum.


**Joining Kit**

Contents: 1 joining plate  
 4 #12-24 x 5/8" screws, nuts, washers  
 4 1/2"-13 x 1" bolts w/ nuts and washers



| Color | Catalog No. |
|-------|-------------|
| Black | <b>VCJK</b> |

**Vertical Organizers with Hinged Covers**

Contents: 2 Z-channels 38.5" H x 12.5" D  
 2 38.5" covers  
 4 hinges and gates  
 24 spools  
 4 1/2"-13 x 1" bolts with nuts and washers

| Color | Rack Height<br>In. (mm) | 6" Wide<br>Catalog No. | 4 1/2" Wide<br>Catalog No. | 3 1/4" Wide<br>Catalog No. |
|-------|-------------------------|------------------------|----------------------------|----------------------------|
| Black | 7' (2134)               | <b>VS76H</b>           | <b>VS74H</b>               | <b>VS73H</b>               |

**Vertical Rings**

Contents: 2 vertical rings  
 1 mounting kit



| Description            | Catalog No.     |
|------------------------|-----------------|
| Bracket, one side      | <b>MCCVMR2</b>  |
| Bracket, between racks | <b>MCCVMR22</b> |

**Covers**

Contents: 1 cover

| Cover<br>Width | 38.5" H<br>Black<br>Catalog No. | 45.38" H<br>Black<br>Catalog No. | 45.38" H<br>Aluminum<br>Catalog No. |
|----------------|---------------------------------|----------------------------------|-------------------------------------|
| 6"             | <b>VSC6*</b>                    | <b>VSC6L</b>                     | <b>VSC6LA</b>                       |
| 4"             | <b>VSC4</b>                     | <b>VSC4L</b>                     | <b>VSC4LA</b>                       |
| 3"             | <b>VSC3*</b>                    | <b>VSC3L</b>                     | <b>VSC3LA</b>                       |



\*Add "A" at end of Catalog No. for Aluminum.

**Cable Management Spools**


| Description                                | Catalog No.   |
|--------------------------------------------|---------------|
| Package of 50 spools 3", black             | <b>ICKSS</b>  |
| Package of 50 spools and screws, 6", black | <b>ICKSS6</b> |
| Package of 50 spools and screws, 9", black | <b>ICKSS9</b> |

**Hinge Kit**

Contents: 2 hinges and fasteners



| Color | Catalog No. |
|-------|-------------|
| Black | <b>VCKH</b> |

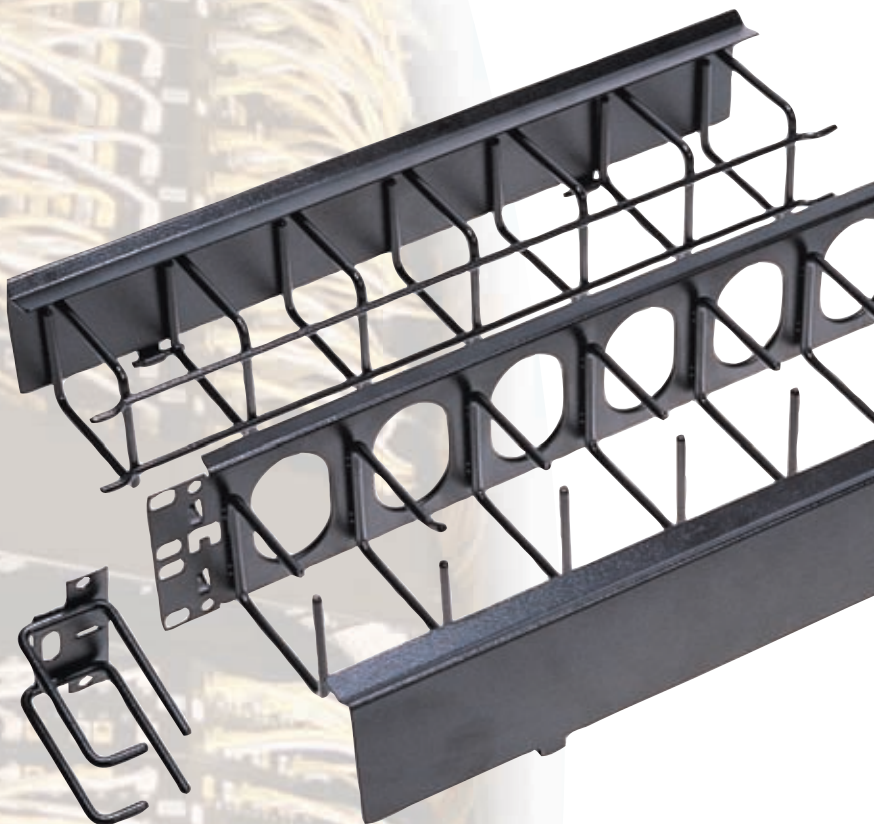
Note: Gates not provided; order separately.

**Fiber Spools**

Contents: 5 sets of fiber spools



| Color | Catalog No.   |
|-------|---------------|
| Black | <b>VCF610</b> |



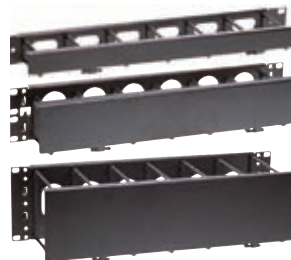
## Capacity

The large 3' x 6' deep organizer is designed to accommodate high density Category 6A cabling.



## Versatility

Large capacity 3-RMU organizer protects fiber, patch cords and cable bundles when used as pass through.



## Options

Horizontal cable organizers come in a wide variety of sizes, depths and heights to meet your application needs.



## Organization

Hinged cover provides an aesthetic finish and easy access to organize patch cords.

## HUBBELL Advantage

- All Steel Construction — Rugged, Non-Flammable, No Fasteners to Wear or Break, No Fussing with Fingers
- Components Snap Together Quickly Without the Use of Tools
- Modular Components Easily Configured in Field to Adapt to Demanding Applications
- "Green" Design Minimizes Weight and Steel Content

## Specifications

- Panel material: 14ga cold rolled steel
- Cover material: 16ga cold rolled steel
- Ring: 0.225" diameter steel rod
- Durable, black powder coat

## Standards

- GR-63-CORE transportation requirements
- U.S. Patent No. 6,215,069





## Duct Panels

| Rack Units | Height Inches (mm) | Width Inches (mm) | Front Ring Depth Inches (mm) | Rear Ring Depth Inches (mm) | Catalog No.                   |
|------------|--------------------|-------------------|------------------------------|-----------------------------|-------------------------------|
| 1U         | 1.75" (44)         | 19" (483)         | 1.75" (44)                   | –                           | <b>HC119CE1N</b>              |
| 1U         | 1.75" (44)         | 19" (483)         | 3.50" (89)                   | –                           | <b>HC119CE3H<sup>1</sup></b>  |
| 1U         | 1.75" (44)         | 19" (483)         | 3.50" (89)                   | 6.00" (152)                 | <b>HC119GC36<sup>3</sup></b>  |
| 1U         | 1.75" (44)         | 19" (483)         | 6.00" (152)                  | –                           | <b>HC119CE6H<sup>1</sup></b>  |
| 2U         | 3.50" (89)         | 19" (483)         | 1.75" (44)                   | –                           | <b>HC219CE1N</b>              |
| 2U         | 3.50" (89)         | 19" (483)         | 3.50" (89)                   | –                           | <b>HC219CE3N</b>              |
| 2U         | 3.50" (89)         | 19" (483)         | 3.50" (89)                   | 6.00" (152)                 | <b>HC219GC36<sup>3</sup></b>  |
| 2U         | 3.50" (89)         | 19" (483)         | 3.50" (89)                   | 6.00" (152)                 | <b>HC219GC36P<sup>3</sup></b> |
| 2U         | 3.50" (89)         | 19" (483)         | 6.00" (152)                  | –                           | <b>HC219CE6N</b>              |
| 2U         | 3.50" (89)         | 19" (483)         | 3.50" (89)                   | 4.60" (117)                 | <b>HC219CR3N<sup>2</sup></b>  |
| 2U         | 3.50" (89)         | 19" (483)         | 3.50" (89)                   | 4.60" (117)                 | <b>HC219CC3N<sup>4</sup></b>  |
| 3U         | 5.25" (133)        | 19" (483)         | 3.50" (89)                   | –                           | <b>HC319CE3N</b>              |
| 3U         | 5.25" (133)        | 19" (483)         | 6.00" (152)                  | –                           | <b>HC319CE6N</b>              |

<sup>1</sup>Heavy-duty version; no pass-through holes.

<sup>2</sup>Includes rear wire frame.

<sup>3</sup>Includes rear wire frame and rear cover; no pass-through holes.

<sup>4</sup>Includes rear wire frame, cover and pass-thru holes.



HC219CC3N  
(front and rear cover shown)

HC219CE3N  
(front cover only)

## Enhanced Panels

| Rack Units | Height Inches (mm) | Width Inches (mm) | Front Ring Depth Inches (mm) | Rear Ring Depth Inches (mm) | Catalog No.      |
|------------|--------------------|-------------------|------------------------------|-----------------------------|------------------|
| 1U         | 1.75" (44)         | 19" (483)         | 3.50" (89)                   | –                           | <b>HC119ME3N</b> |
| 1U         | 1.75" (44)         | 19" (483)         | 6.00" (152)                  | –                           | <b>HC119ME6N</b> |
| 2U         | 3.50" (89)         | 19" (483)         | 3.50" (89)                   | –                           | <b>HC219ME3N</b> |
| 2U         | 3.50" (89)         | 19" (483)         | 6.00" (152)                  | –                           | <b>HC219ME6N</b> |
| 3U         | 5.25" (133)        | 19" (483)         | 3.50" (89)                   | –                           | <b>HC319ME3N</b> |
| 3U         | 5.25" (133)        | 19" (483)         | 6.00" (152)                  | –                           | <b>HC319ME6N</b> |



HC219ME3N



## Basic Panels

| Rack Units | Height<br>Inches (mm) | Width<br>Inches (mm) | Front Ring Depth<br>Inches (mm) | Catalog No.      |
|------------|-----------------------|----------------------|---------------------------------|------------------|
| 1U         | 1.75" (44)            | 19" (483)            | 1.75" (44)                      | <b>HC119MS1N</b> |
| 1U         | 1.75" (44)            | 19" (483)            | 3.50" (89)                      | <b>HC119MS3N</b> |
| 2U         | 3.50" (89)            | 19" (483)            | 1.75" (44)                      | <b>HC219MS1N</b> |
| 2U         | 3.50" (89)            | 19" (483)            | 3.50" (89)                      | <b>HC219MS3N</b> |
| 2U         | 3.50" (89)            | 23" (584)            | 1.75" (44)                      | <b>HC223MS1N</b> |



HC119MS1N



HC219MS3N



HC219CE3P

## Cable Manager with Wire Saddles

Contents: 1 panel assembly with cover(s), 4 #12-24 x 5/8" dog-nosed screws, 4 #12 nylon flat washers

| Rack Units | Height<br>Inches (mm) | Width<br>Inches (mm) | Ring Depth<br>Inches (mm) | Catalog No.       |
|------------|-----------------------|----------------------|---------------------------|-------------------|
| 1U         | 1.75" (44)            | 19" (483)            | 3.50" (89)                | <b>HC119ME3S*</b> |
| 2U         | 3.50" (89)            | 19" (483)            | 1.75" (44)                | <b>HC219ME3S</b>  |

\*HC119ME3S includes only wire saddles and rings for vertical cable management.

## Plastic Finger Duct Organizer

Contents: 1 panel assembly with cover(s), 4 #12-24 x 5/8" dog-nosed screws, 4 #12 nylon flat washers

| Rack Units | Height<br>Inches (mm) | Width<br>Inches (mm) | Front Duct<br>Depth<br>Inches (mm) | Rear Duct<br>Depth<br>Inches (mm) | Catalog No.      |
|------------|-----------------------|----------------------|------------------------------------|-----------------------------------|------------------|
| 1U         | 1.75" (44)            | 19" (483)            | 3" (76)                            | 5" (127)                          | <b>HC119CC3P</b> |
| 1U         | 1.75" (44)            | 19" (483)            | 3" (76)                            | —                                 | <b>HC119CE3P</b> |
| 2U         | 3.50" (89)            | 19" (483)            | 3" (76)                            | 5" (127)                          | <b>HC219CC3P</b> |
| 2U         | 3.50" (89)            | 19" (483)            | 3" (76)                            | —                                 | <b>HC219CE3P</b> |



MCCBP175



MCCBP350



MCCBP700

## 19" Filler Panels

Contents: 1 panel and 4 HPW screws

| Rack Units | Height<br>Inches (mm) | Color | Flat<br>Catalog No. | Angled<br>Catalog No. |
|------------|-----------------------|-------|---------------------|-----------------------|
| 1U         | 1.75" (44)            | Black | <b>MCCBP175</b>     | <b>ABP175</b>         |
| 2U         | 3.50" (89)            | Black | <b>MCCBP350</b>     | <b>ABP350</b>         |
| 4U         | 7.00" (178)           | Black | <b>MCCBP700</b>     | —                     |



## Front/Rear Cover

Contents: 1 cover

| Rack Units | Height<br>Inches (mm) | Catalog No.   |
|------------|-----------------------|---------------|
| 1U         | 1.75" (45)            | <b>HC119C</b> |
| 2U         | 3.50" (89)            | <b>HC219C</b> |
| 3U         | 5.25" (133)           | <b>HC319C</b> |



HC219C

## Vertical Management Rings

Contents: 2 rings, 1 kit mounting hardware

| Depth<br>Inches (mm) | Catalog No.    |
|----------------------|----------------|
| 3.50" (89)           | <b>HC23VR2</b> |
| 6" (152)             | <b>HC26VR2</b> |



HC23VR2

## Rear Wire Frame

Contents: 1 rear wire frame

| Depth<br>Inches (mm) | Catalog No.   |
|----------------------|---------------|
| 4.6" (117)           | <b>HC33WF</b> |
| 6" (152)             | <b>HC36WF</b> |



HC33WF

## Plastic Cable Management Rings

Contents: 4 rings

| Description  | Catalog No.     |
|--------------|-----------------|
| Non-adhesive | <b>MCCPSR4</b>  |
| Adhesive     | <b>MCCPSRA4</b> |



MCCPSR4

## Extender Brackets, 23"

Contents: 2 brackets, 1 kit of mounting hardware

| Color | Catalog No.      |
|-------|------------------|
| Black | <b>BREXTB235</b> |



BREXTB235



## VELCRO® Brand ONE-WRAP® Cable Ties

Contents: one 10-pack of straps

| Length<br>Inches (mm) | Straps<br>per Pack | Max. Bundle<br>Diameter<br>Inches (mm) | Catalog No.      |
|-----------------------|--------------------|----------------------------------------|------------------|
| 8" (203)              | 10                 | 2.5" (64)                              | <b>HPWCVFxx8</b> |

**xx** = Color: **BK** (Black), **BL** (Blue), **OR** (Orange), **RD** (Red) and **YL** (Yellow).



## Bulk VELCRO® Pucks

| Width<br>Inches (mm) | Length<br>Feet (mm) | Unit of<br>Measure | Catalog No.                |
|----------------------|---------------------|--------------------|----------------------------|
| 1" (25)              | 10' (3048)          | Cut to length      | 10-pack <b>HPWCVFBK120</b> |
| 0.625" (16)          | 75' (22,860)        | Cut to length      | Each <b>HVFBK5875</b>      |
| 0.5" (13)            | 75' (22,860)        | Cut to length      | Each <b>HVFBK575</b>       |
| 0.5" (13)            | 75' (22,860)        | Rip to length      | Each <b>HVFBK575S</b>      |
| 0.5" (13)            | 600' (182,880)      | Cut to length      | Each <b>HVFBK5600</b>      |



## Basic VELCRO® Brand Fasteners

Contents: one 10-pack of straps

| Length<br>Inches (mm) | Color     | Max. Bundle Diameter<br>Inches (mm) | Catalog No.        |
|-----------------------|-----------|-------------------------------------|--------------------|
| 22" (559)             | Black     | 7.5" (191)                          | <b>MCCMV22BK10</b> |
| 9" (229)              | See below | 2.5" (64)                           | <b>MCCMV9xx10</b>  |
| 5" (127)              | See below | 1.4" (36)                           | <b>MCCMV5xx10</b>  |

**xx** = Color: **BK** (Black), **BL** (Blue), **OR** (Orange), **PK** (Pink), **RD** (Red) and **YL** (Yellow).



## Screw-Mount, Reusable Cable Ties

Contents: one 10-pack of straps

| Length<br>Inches (mm) | Color  | Max. Bundle Diameter<br>Inches (mm) | Catalog No.       |
|-----------------------|--------|-------------------------------------|-------------------|
| 9" (229)              | Black  | 2.5" (64)                           | <b>MCCMV9BS10</b> |
| 9" (229)              | Orange | 2.5" (64)                           | <b>MCCMV9OS10</b> |



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**VELCRO® Brand Vertical Cable Manager**

Inexpensively manage cables on relay racks and cabinets.

Catalog No. **HVVCM**

**VELCRO® Brand "J" Hook**

Catalog No. **HVJH**

**VELCRO® Brand Work Station Manager**

Easily manage cable congestion at the work station.

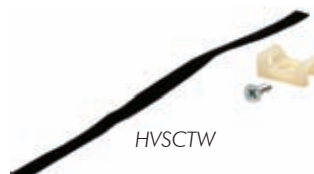
Catalog No. **HVWM**

**VELCRO® Brand Pads and Loops**

Catalog No. **HVPL**

**VELCRO® Brand Saddle Cable Ties**

| VELCRO® Width Inches | Length Inches (mm) | Max. Loop Diameter Inches (mm) | Screw Type | Catalog No.   |
|----------------------|--------------------|--------------------------------|------------|---------------|
| 1/2"                 | 8" (203)           | 2.16" (55)                     | Rack       | <b>HVSCTR</b> |
| 1/2"                 | 8" (203)           | 2.16" (55)                     | Wood       | <b>HVSCTW</b> |

**Rack Label Kit**

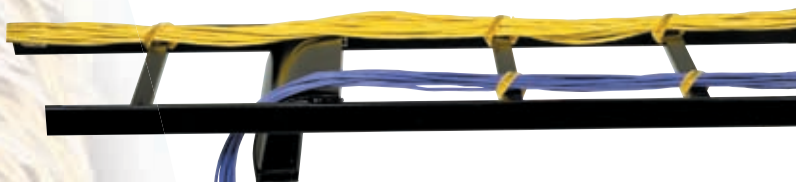
Contents: 3 self-adhesive strips, black label with white lettering (numbers 01 through 60)

Dimensions: 35" H x 0.25" W

Catalog No. **RRLABEL**



VELCRO® is a registered trademarks of Velcro Industries B.V.




- **Modular System** — Easily Configured for New and Existing Cable Routing
- **Mounts to Floors, Walls, Ceilings, Equipment Racks and Cabinets**
- **Tip:** Secure Ladder to Cabinet Tops Using J-Bolt Kit and Drilling Holes as Required
- **RoHS Compliant**

## Specifications

- Material: 16ga tubular Steel
- Durable powder coat
- Stringer dimensions: 0.375" W x 1.5" H
- Rung spacing: 9.0"
- Weight capacity: 45lb/foot

## Straight Section

| Width<br>Inches (mm) | 6' (1829) Length |                 | 10' (3048) Length |                 |
|----------------------|------------------|-----------------|-------------------|-----------------|
|                      | Black            | Gray            | Black             | Gray            |
| 6" (152)             | <b>HLS0606B</b>  | <b>HLS0606G</b> | <b>HLS1006B</b>   | <b>HLS1006G</b> |
| 12" (305)            | <b>HLS0612B</b>  | <b>HLS0612G</b> | <b>HLS1012B</b>   | <b>HLS1012G</b> |
| 18" (457)            | <b>HLS0618B</b>  | <b>HLS0618G</b> | <b>HLS1018B</b>   | <b>HLS1018G</b> |
| 24" (610)            | <b>HLS0624B</b>  | <b>HLS0624G</b> | <b>HLS1024B</b>   | <b>HLS1024G</b> |

Note: Please order straight sections in multiples of 10 pieces.  
Width = outside to outside dimensions.



## 90° Turns

| Width<br>Inches (mm) | Inside Radius 90°<br>Black | Flat Turns 90°<br>Black | Outside Radius 90°<br>Black |
|----------------------|----------------------------|-------------------------|-----------------------------|
| 6" (152)             | <b>HLI0690B</b>            | <b>HLF0690B</b>         | <b>HLO0690B</b>             |
| 12" (305)            | <b>HLI1290B</b>            | <b>HLF1290B</b>         | <b>HLO1290B</b>             |
| 18" (457)            | <b>HLI1890B</b>            | <b>HLF1890B</b>         | <b>HLO1890B</b>             |
| 24" (610)            | <b>HLI2490B</b>            | <b>HLF2490B</b>         | <b>HLO2490B</b>             |

| Width<br>Inches (mm) | Inside Radius 90°<br>Gray | Flat Turns 90°<br>Gray | Outside Radius 90°<br>Gray |
|----------------------|---------------------------|------------------------|----------------------------|
| 6" (152)             | <b>HLI0690G</b>           | <b>HLF0690G</b>        | <b>HLO0690G</b>            |
| 12" (305)            | <b>HLI1290G</b>           | <b>HLF1290G</b>        | <b>HLO1290G</b>            |
| 18" (457)            | <b>HLI1890G</b>           | <b>HLF1890G</b>        | <b>HLO1890G</b>            |
| 24" (610)            | <b>HLI2490G</b>           | <b>HLF2490G</b>        | <b>HLO2490G</b>            |




**Butt Splice Kit**

Finish: black powder coat

Catalog No. **HLBSK**

**Cable Radius Drop**

Finish: black powder coat

| Ladder Width<br>Inches (mm) | Actual Width<br>Inches (mm) | Catalog No. |
|-----------------------------|-----------------------------|-------------|
|-----------------------------|-----------------------------|-------------|

|          |            |                |
|----------|------------|----------------|
| 6" (152) | 4.5" (114) | <b>HLCD06*</b> |
|----------|------------|----------------|

|           |              |               |
|-----------|--------------|---------------|
| 12" (305) | 10.75" (273) | <b>HLCD12</b> |
|-----------|--------------|---------------|

|           |              |               |
|-----------|--------------|---------------|
| 18" (457) | 16.75" (425) | <b>HLCD18</b> |
|-----------|--------------|---------------|

|          |            |              |
|----------|------------|--------------|
| Stringer | 7.5" (191) | <b>HLCD5</b> |
|----------|------------|--------------|

\*Can also be mounted on stringer.


**Cable Retaining Fence Posts**

| Nom.<br>Height<br>Inches (mm) | Actual<br>Height<br>Inches (mm) | Catalog No. |
|-------------------------------|---------------------------------|-------------|
|-------------------------------|---------------------------------|-------------|

|          |            |                |
|----------|------------|----------------|
| 6" (152) | 8.3" (211) | <b>HLP06xx</b> |
|----------|------------|----------------|

|          |             |                |
|----------|-------------|----------------|
| 8" (203) | 10.4" (264) | <b>HLP08xx</b> |
|----------|-------------|----------------|

|           |             |                |
|-----------|-------------|----------------|
| 10" (254) | 12.4" (315) | <b>HLP10xx</b> |
|-----------|-------------|----------------|

xx = Color: **B** (Black) and **G** (Gray).

**Ceiling Mounting Kit**

Description Catalog No.

Ceiling mounting kit  
with two 6' x 0.625Ø  
threaded rods

**HLCMK**

Brackets only

**HLCF**

**Foot Kit**

Finish: black powder coat

Catalog No. **HLRF**

**J-Bolt Kit**

Catalog No. **HLJB**

**Mounting Kit to Relay Rack**

Color: Black Catalog No.

3" rack **HLMPK19**

6" rack **HLMPK19D**

**Protective End Caps**

Catalog No. **HLCPK2**

**Swivel Splice Kit**

Color Catalog No.

Black **HLSSK**

**T-Junction Splice Kit**

Catalog No. **HLTK**

**Triangle Wall Support**

Width  
Inches (mm) Catalog No.

6" (152) **HLTSB06xx**

12" (305) **HLTSB12xx**

18" (457) **HLTSB18xx**

24" (610) **HLTSB24xx**

xx = Color: **B** (Black) and **G** (Gray).

**Vertical Wall Bracket**

Finish: black powder coat

Catalog No. **HLVWBK**

**Wall Angle Support**

Color: Black

Width  
Inches (mm) Catalog No.

6-12" (152-305) **HLX0612\***

18" (457) **HLX1518\***

24" (610) **HLX24\***

\*Add "G" to Catalog No. for Gray.


**Wall/Rack Mounting Kit**

Contents: 1 HLMPK19, 1 HLX0612,  
1 40" L x 12" W ladder section

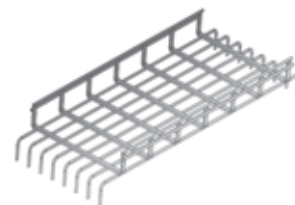
Color Catalog No.

Black **HLWRK**




**HUBBELL**  
**NEXTFRAME**

## WIRE TRAY FOR OVERHEAD



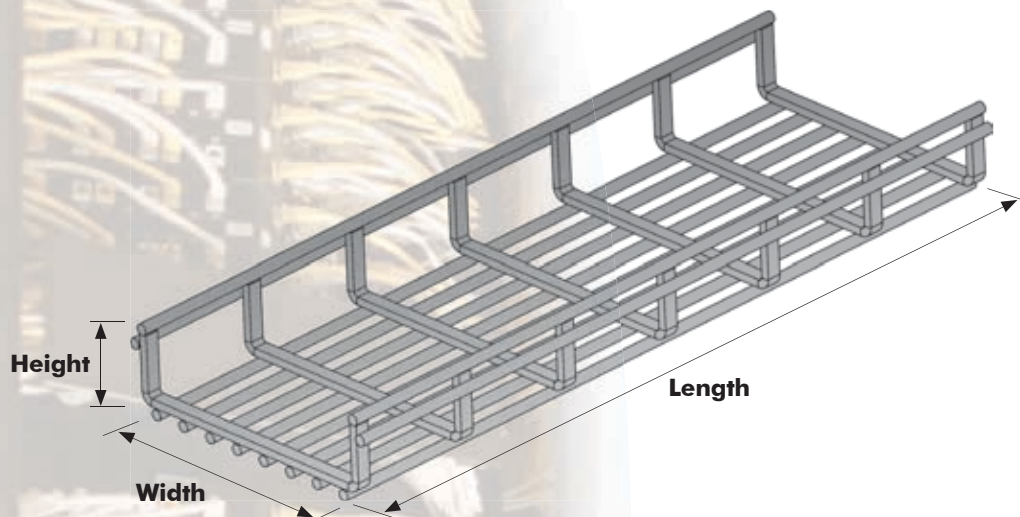
### Configurable

Tray can be installed overhead or under raised floors.



### Ease of Use

Splice kit installs easily for joining tray sections and building corners.



**Round**



**Flat Style**

Cross sectional view of cross members.

### Versatility

Shaped cross bars have more surface area and reduce pressure/strain on cables.

## HUBBELL Advantage

- All Wire Trays are UL Classified and can be Used in Grounding
- Can be Installed in Overhead or Underfloor Applications
- Shaped Cross Members Reduce Cable Strain
- 100% Recycled Steel Content

### Specifications

- Wire diameters: 0.197" (5mm)
- Pre-galvanized finish (standard)
  - ASTM A641 steel
- Black powder coat finish
  - ASTM A510 steel
- Other colors available

### Standards

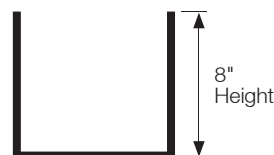
- UL/CUL certified – painted tray
- No removal of any paint during installation required





## Pre-Galvanized Wire Trays

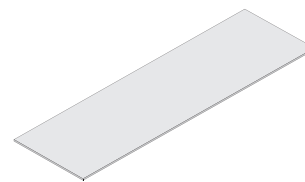
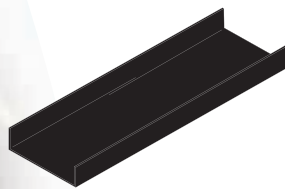
| Height<br>Inches (mm) | Width<br>Inches (mm) | Length<br>Inches (mm) | Round Wire Tray<br>Catalog No. | Flat Style Wire Tray<br>Catalog No. |
|-----------------------|----------------------|-----------------------|--------------------------------|-------------------------------------|
| 2" (51)               | 4" (102)             | 118" (3000)           | <b>HPWW0204</b>                | <b>HPWW0204S</b>                    |
| 2" (51)               | 6" (152)             | 118" (3000)           | <b>HPWW0206</b>                | <b>HPWW0206S</b>                    |
| 2" (51)               | 8" (203)             | 118" (3000)           | <b>HPWW0208</b>                | <b>HPWW0208S</b>                    |
| 2" (51)               | 12" (305)            | 118" (3000)           | <b>HPWW0212</b>                | <b>HPWW0212S</b>                    |
| 2" (51)               | 16" (406)            | 118" (3000)           | <b>HPWW0216</b>                | <b>HPWW0216S</b>                    |
| 2" (51)               | 18" (457)            | 118" (3000)           | <b>HPWW0218</b>                | <b>HPWW0218S</b>                    |
| 2" (51)               | 20" (508)            | 118" (3000)           | <b>HPWW0220</b>                | <b>HPWW0220S</b>                    |
| 2" (51)               | 22" (559)            | 118" (3000)           | <b>HPWW0222</b>                | <b>HPWW0222S</b>                    |
| 2" (51)               | 24" (610)            | 118" (3000)           | <b>HPWW0224</b>                | <b>HPWW0224S</b>                    |
| 2" (51)               | 26" (660)            | 118" (3000)           | <b>HPWW0226</b>                | <b>HPWW0226S</b>                    |
| 2" (51)               | 28" (711)            | 118" (3000)           | <b>HPWW0228</b>                | <b>HPWW0228S</b>                    |
| 2" (51)               | 30" (762)            | 118" (3000)           | <b>HPWW0230</b>                | <b>HPWW0230S</b>                    |
| 2" (51)               | 32" (813)            | 118" (3000)           | <b>HPWW0232</b>                | <b>HPWW0232S</b>                    |
| 4" (102)              | 4" (102)             | 118" (3000)           | <b>HPWW0404</b>                | <b>HPWW0404S</b>                    |
| 4" (102)              | 6" (152)             | 118" (3000)           | <b>HPWW0406</b>                | <b>HPWW0406S</b>                    |
| 4" (102)              | 8" (203)             | 118" (3000)           | <b>HPWW0408</b>                | <b>HPWW0408S</b>                    |
| 4" (102)              | 12" (305)            | 118" (3000)           | <b>HPWW0412</b>                | <b>HPWW0412S</b>                    |
| 4" (102)              | 16" (406)            | 118" (3000)           | <b>HPWW0416</b>                | <b>HPWW0416S</b>                    |
| 4" (102)              | 18" (457)            | 118" (3000)           | <b>HPWW0418</b>                | <b>HPWW0418S</b>                    |
| 4" (102)              | 20" (508)            | 118" (3000)           | <b>HPWW0420</b>                | <b>HPWW0420S</b>                    |
| 4" (102)              | 22" (559)            | 118" (3000)           | <b>HPWW0422</b>                | <b>HPWW0422S</b>                    |
| 4" (102)              | 24" (610)            | 118" (3000)           | <b>HPWW0424</b>                | <b>HPWW0424S</b>                    |
| 4" (102)              | 28" (711)            | 118" (3000)           | <b>HPWW0428</b>                | <b>HPWW0428S</b>                    |
| 6" (152)              | 8" (203)             | 118" (3000)           | <b>HPWW0608</b>                | <b>HPWW0608S</b>                    |
| 6" (152)              | 12" (305)            | 118" (3000)           | <b>HPWW0612</b>                | <b>HPWW0612S</b>                    |
| 6" (152)              | 16" (406)            | 118" (3000)           | <b>HPWW0616</b>                | <b>HPWW0616S</b>                    |
| 6" (152)              | 18" (457)            | 118" (3000)           | <b>HPWW0618</b>                | <b>HPWW0618S</b>                    |
| 6" (152)              | 20" (508)            | 118" (3000)           | <b>HPWW0620</b>                | <b>HPWW0620S</b>                    |
| 6" (152)              | 22" (559)            | 118" (3000)           | <b>HPWW0622</b>                | <b>HPWW0622S</b>                    |
| 6" (152)              | 24" (610)            | 118" (3000)           | <b>HPWW0624</b>                | <b>HPWW0624S</b>                    |
| 8" (203)              | 8" (203)             | 118" (3000)           | <b>HPWW0808</b>                | <b>HPWW0808S</b>                    |
| 8" (203)              | 12" (305)            | 118" (3000)           | <b>HPWW0812</b>                | <b>HPWW0812S</b>                    |
| 8" (203)              | 16" (406)            | 118" (3000)           | <b>HPWW0816</b>                | <b>HPWW0816S</b>                    |
| 8" (203)              | 18" (457)            | 118" (3000)           | <b>HPWW0818</b>                | <b>HPWW0818S</b>                    |
| 8" (203)              | 20" (508)            | 118" (3000)           | <b>HPWW0820</b>                | <b>HPWW0820S</b>                    |



Note: All dimensions are +/- 0.25".

For Black powder coated, add "BK" at the end of the Wire Tray Catalog No.

\*Additional colors available.

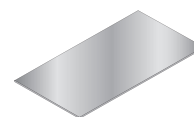


## Plastic Insert with Sides

| Height<br>Inches (mm) | Width<br>Inches (mm) | Length<br>Inches (mm) | Catalog No.         |
|-----------------------|----------------------|-----------------------|---------------------|
| 2" (51)               | 4" (102)             | 118" (3000)           | <b>HPWWPS020410</b> |
| 2" (51)               | 6" (152)             | 118" (3000)           | <b>HPWWPS020610</b> |
| 2" (51)               | 8" (203)             | 118" (3000)           | <b>HPWWPS020810</b> |
| 2" (51)               | 12" (305)            | 118" (3000)           | <b>HPWWPS021210</b> |
| 2" (51)               | 16" (406)            | 118" (3000)           | <b>HPWWPS021610</b> |
| 2" (51)               | 18" (457)            | 118" (3000)           | <b>HPWWPS021810</b> |
| 2" (51)               | 20" (508)            | 118" (3000)           | <b>HPWWPS022010</b> |
| 2" (51)               | 22" (559)            | 118" (3000)           | <b>HPWWPS022210</b> |
| 2" (51)               | 24" (610)            | 118" (3000)           | <b>HPWWPS022410</b> |
| 2" (51)               | 26" (660)            | 118" (3000)           | <b>HPWWPS022610</b> |
| 2" (51)               | 28" (711)            | 118" (3000)           | <b>HPWWPS022810</b> |
| 2" (51)               | 30" (762)            | 118" (3000)           | <b>HPWWPS023010</b> |
| 2" (51)               | 32" (813)            | 118" (3000)           | <b>HPWWPS023210</b> |
| 4" (102)              | 4" (102)             | 118" (3000)           | <b>HPWWPS040410</b> |
| 4" (102)              | 6" (152)             | 118" (3000)           | <b>HPWWPS040610</b> |
| 4" (102)              | 8" (203)             | 118" (3000)           | <b>HPWWPS040810</b> |
| 4" (102)              | 12" (305)            | 118" (3000)           | <b>HPWWPS041210</b> |
| 4" (102)              | 16" (406)            | 118" (3000)           | <b>HPWWPS041610</b> |
| 4" (102)              | 18" (457)            | 118" (3000)           | <b>HPWWPS041810</b> |
| 4" (102)              | 20" (508)            | 118" (3000)           | <b>HPWWPS042010</b> |
| 4" (102)              | 22" (559)            | 118" (3000)           | <b>HPWWPS042210</b> |
| 4" (102)              | 24" (610)            | 118" (3000)           | <b>HPWWPS042410</b> |
| 4" (102)              | 28" (711)            | 118" (3000)           | <b>HPWWPS042810</b> |
| 6" (152)              | 8" (203)             | 118" (3000)           | <b>HPWWPS060810</b> |
| 6" (152)              | 12" (305)            | 118" (3000)           | <b>HPWWPS061210</b> |
| 6" (152)              | 16" (406)            | 118" (3000)           | <b>HPWWPS061610</b> |
| 6" (152)              | 18" (457)            | 118" (3000)           | <b>HPWWPS061810</b> |
| 6" (152)              | 20" (508)            | 118" (3000)           | <b>HPWWPS062010</b> |
| 6" (152)              | 22" (559)            | 118" (3000)           | <b>HPWWPS062210</b> |
| 6" (152)              | 24" (610)            | 118" (3000)           | <b>HPWWPS062410</b> |
| 8" (203)              | 8" (203)             | 118" (3000)           | <b>HPWWPS080810</b> |
| 8" (203)              | 12" (305)            | 118" (3000)           | <b>HPWWPS081210</b> |
| 8" (203)              | 16" (406)            | 118" (3000)           | <b>HPWWPS081610</b> |
| 8" (203)              | 18" (457)            | 118" (3000)           | <b>HPWWPS081810</b> |
| 8" (203)              | 20" (508)            | 118" (3000)           | <b>HPWWPS082010</b> |

## Plastic Inserts

| Width<br>Inches (mm) | Length<br>Inches (mm) | Catalog No.      |
|----------------------|-----------------------|------------------|
| 4" (102)             | 118" (3000)           | <b>HPWWP0410</b> |
| 6" (152)             | 118" (3000)           | <b>HPWWP0610</b> |
| 8" (203)             | 118" (3000)           | <b>HPWWP0810</b> |
| 12" (305)            | 118" (3000)           | <b>HPWWP1210</b> |
| 16" (406)            | 118" (3000)           | <b>HPWWP1610</b> |
| 18" (457)            | 118" (3000)           | <b>HPWWP1810</b> |
| 20" (508)            | 118" (3000)           | <b>HPWWP2010</b> |
| 24" (610)            | 118" (3000)           | <b>HPWWP2410</b> |

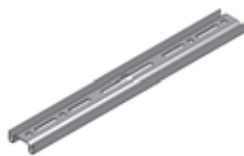


## Metal Inserts

| Width<br>Inches (mm) | Length<br>Inches (mm) | Catalog No.       |
|----------------------|-----------------------|-------------------|
| 4" (102)             | 59" (1500)            | <b>HPWWBM0405</b> |
| 6" (152)             | 59" (1500)            | <b>HPWWBM0605</b> |
| 8" (203)             | 59" (1500)            | <b>HPWWBM0805</b> |
| 12" (305)            | 59" (1500)            | <b>HPWWBM1205</b> |
| 16" (406)            | 59" (1500)            | <b>HPWWBM1605</b> |
| 18" (457)            | 59" (1500)            | <b>HPWWBM1805</b> |
| 20" (508)            | 59" (1500)            | <b>HPWWBM2005</b> |
| 24" (610)            | 59" (1500)            | <b>HPWWBM2405</b> |

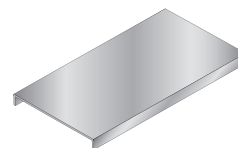
Note: All dimensions are +/- 0.25".

\*Additional colors available.



## Supports

| Width<br>Inches (mm) | Shelf Support<br>Catalog No. | Center Support<br>Catalog No. | Ceiling Support<br>Catalog No. | Tern Support<br>Catalog No. |
|----------------------|------------------------------|-------------------------------|--------------------------------|-----------------------------|
| 4" (102)             | <b>HPWWSSP04</b>             | <b>HPWWCSP04</b>              | –                              | –                           |
| 6" (152)             | <b>HPWWSSP06</b>             | <b>HPWWCSP06</b>              | –                              | <b>HPWWTST06</b>            |
| 8" (203)             | <b>HPWWSSP08</b>             | <b>HPWWCSP08</b>              | –                              | <b>HPWWTST08</b>            |
| 12" (305)            | <b>HPWWSSP12</b>             | <b>HPWWCSP12</b>              | <b>HPWWGSP12</b>               | <b>HPWWTST12</b>            |
| 16" (406)            | <b>HPWWSSP16</b>             | <b>HPWWCSP16</b>              | <b>HPWWGSP16</b>               | <b>HPWWTST16</b>            |
| 18" (457)            | <b>HPWWSSP18</b>             | <b>HPWWCSP18</b>              | <b>HPWWGSP18</b>               | <b>HPWWTST18</b>            |
| 20" (508)            | <b>HPWWSSP20</b>             | <b>HPWWCSP20</b>              | <b>HPWWGSP20</b>               | <b>HPWWTST20</b>            |
| 24" (610)            | <b>HPWWSSP24</b>             | <b>HPWWCSP24</b>              | <b>HPWWGSP24</b>               | <b>HPWWTST24</b>            |



## Brackets

| Width<br>Inches (mm) | L Bracket<br>Catalog No. | C Bracket<br>Catalog No. |
|----------------------|--------------------------|--------------------------|
| 4" (102)             | <b>HPWWLBT04</b>         | <b>HPWWCBT04</b>         |
| 6" (152)             | <b>HPWWLBT06</b>         | –                        |
| 8" (203)             | <b>HPWWLBT08</b>         | <b>HPWWCBT08</b>         |
| 12" (305)            | <b>HPWWLBT12</b>         | <b>HPWWCBT12</b>         |
| 16" (406)            | <b>HPWWLBT16</b>         | –                        |
| 18" (457)            | <b>HPWWLBT18</b>         | <b>HPWWCBT18</b>         |
| 20" (508)            | <b>HPWWLBT20</b>         | –                        |
| 24" (610)            | <b>HPWWLBT24</b>         | –                        |

## Pre-Galvanized Covers

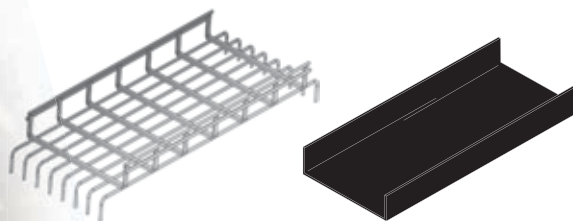
| Width<br>Inches (mm) | Length<br>Inches (mm) | Catalog No.      |
|----------------------|-----------------------|------------------|
| 4" (102)             | 59" (1500)            | <b>HPWWC0405</b> |
| 6" (152)             | 59" (1500)            | <b>HPWWC0605</b> |
| 8" (203)             | 59" (1500)            | <b>HPWWC0805</b> |
| 12" (305)            | 59" (1500)            | <b>HPWWC1205</b> |
| 16" (406)            | 59" (1500)            | <b>HPWWC1605</b> |
| 18" (457)            | 59" (1500)            | <b>HPWWC1805</b> |
| 20" (508)            | 59" (1500)            | <b>HPWWC2005</b> |
| 24" (610)            | 59" (1500)            | <b>HPWWC2405</b> |

## Accessories

| Description     | Catalog No.      | Description        | Catalog No.      |
|-----------------|------------------|--------------------|------------------|
| Splice kit      | <b>HPWWSKT</b>   | Vertical down      | <b>HPWWVDN</b>   |
| Washer support  | <b>HPWWWST</b>   | Cable guides       | <b>HPWWCG</b>    |
| Bar splice      | <b>HPWWBSP</b>   | Rack attachment    | <b>HPWWRAT</b>   |
| Corner splice   | <b>HPWWCSP</b>   | Fitting attachment | <b>HPWWFIT02</b> |
| Trapeze support | <b>HPWWTZS</b>   | Fitting attachment | <b>HPWWFIT45</b> |
| Radius down     | <b>HPWWRDN04</b> | Conduit attachment | <b>HPWWCAT</b>   |
| Radius down     | <b>HPWWRDN06</b> | Sidecar            | <b>HPWWSCR</b>   |
| Radius down     | <b>HPWWRDN12</b> | Electrical box     | <b>HPWWEBX</b>   |

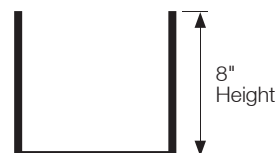


HPWWSKT



## Pre-Galvanized Wire Trays and Inserts

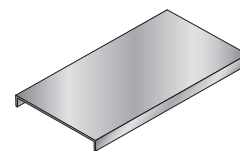
| Height<br>Inches (mm) | Width<br>Inches (mm) | Length<br>Inches (mm) | Round Wire Tray<br>Catalog No. | Plastic Insert with Sides<br>Catalog No. |
|-----------------------|----------------------|-----------------------|--------------------------------|------------------------------------------|
| 2" (51)               | 6" (152)             | 24"(610)              | <b>HPWU020602</b>              | <b>HPWWPS020610</b>                      |
| 2" (51))              | 6" (152)             | 48"(1219)             | <b>HPWU020604</b>              | <b>HPWWPS020610</b>                      |
| 2" (51))              | 6" (152)             | 72"(1829)             | <b>HPWU020606</b>              | <b>HPWWPS020610</b>                      |
| 2" (51)               | 12" (305)            | 24"(610)              | <b>HPWU021202</b>              | <b>HPWWPS021210</b>                      |
| 2" (51)               | 12" (305)            | 48"(1219)             | <b>HPWU021204</b>              | <b>HPWWPS021210</b>                      |
| 2" (51)               | 12" (305)            | 72"(1829)             | <b>HPWU021206</b>              | <b>HPWWPS021210</b>                      |
| 2" (51)               | 22" (559)            | 24"(610)              | <b>HPWU022202</b>              | <b>HPWWPS022210</b>                      |
| 2" (51)               | 22" (559)            | 48"(1219)             | <b>HPWU022204</b>              | <b>HPWWPS022210</b>                      |
| 2" (51)               | 22" (559)            | 72"(1829)             | <b>HPWU022206</b>              | <b>HPWWPS022210</b>                      |
| 4" (102)              | 6" (152)             | 24"(610)              | <b>HPWU040602</b>              | <b>HPWWPS040610</b>                      |
| 4" (102)              | 6" (152)             | 48"(1219)             | <b>HPWU040604</b>              | <b>HPWWPS040610</b>                      |
| 4" (102)              | 6" (152)             | 72"(1829)             | <b>HPWU040606</b>              | <b>HPWWPS040610</b>                      |
| 4" (102)              | 12" (305)            | 24"(610)              | <b>HPWU041202</b>              | <b>HPWWPS041210</b>                      |
| 4" (102)              | 12" (305)            | 48"(1219)             | <b>HPWU041204</b>              | <b>HPWWPS041210</b>                      |
| 4" (102)              | 12" (305)            | 72"(1829)             | <b>HPWU041206</b>              | <b>HPWWPS041210</b>                      |
| 4" (102)              | 22" (559)            | 24"(610)              | <b>HPWU042202</b>              | <b>HPWWPS042210</b>                      |
| 4" (102)              | 22" (559)            | 48"(1219)             | <b>HPWU042204</b>              | <b>HPWWPS042210</b>                      |
| 4" (102)              | 22" (559)            | 72"(1829)             | <b>HPWU042206</b>              | <b>HPWWPS042210</b>                      |
| 6" (152)              | 6" (152)             | 24"(610)              | <b>HPWU060602</b>              | -                                        |
| 6" (152)              | 6" (152)             | 48"(1219)             | <b>HPWU060604</b>              | -                                        |
| 6" (152)              | 6" (152)             | 72"(1829)             | <b>HPWU060606</b>              | -                                        |
| 6" (152)              | 12" (305)            | 24"(610)              | <b>HPWU061202</b>              | <b>HPWWPS061210</b>                      |
| 6" (152)              | 12" (305)            | 48"(1219)             | <b>HPWU061204</b>              | <b>HPWWPS061210</b>                      |
| 6" (152)              | 12" (305)            | 72"(1829)             | <b>HPWU061206</b>              | <b>HPWWPS061210</b>                      |
| 6" (152)              | 22" (559)            | 24"(610)              | <b>HPWU062202</b>              | <b>HPWWPS062210</b>                      |
| 6" (152)              | 22" (559)            | 48"(1219)             | <b>HPWU062204</b>              | <b>HPWWPS062210</b>                      |
| 6" (152)              | 22" (559)            | 72"(1829)             | <b>HPWU062206</b>              | <b>HPWWPS062210</b>                      |
| 8" (203)              | 12" (305)            | 24"(610)              | <b>HPWU081202</b>              | <b>HPWWPS081210</b>                      |
| 8" (203)              | 12" (305)            | 48"(1219)             | <b>HPWU081204</b>              | <b>HPWWPS081210</b>                      |
| 8" (203)              | 12" (305)            | 72"(1829)             | <b>HPWU081206</b>              | <b>HPWWPS081210</b>                      |
| 8" (203)              | 22" (559)            | 24"(610)              | <b>HPWU082202</b>              | -                                        |
| 8" (203)              | 22" (559)            | 48"(1219)             | <b>HPWU082204</b>              | -                                        |
| 8" (203)              | 22" (559)            | 72"(1829)             | <b>HPWU082206</b>              | -                                        |
| Flat                  | 22" (559)            | 24"(610)              | <b>HPWU002202</b>              | -                                        |



Note: All dimensions are +/- 0.25".

For Black powder coated, add "BK" at the end of the Wire Tray Catalog No.

\*Additional colors available.



## Underfloor Support

| Description        | Width<br>Inches (mm) | Catalog No.      |
|--------------------|----------------------|------------------|
| Underfloor Support | 4" (102)             | <b>HPWWUST04</b> |
| Underfloor Support | 6" (152)             | <b>HPWWUST06</b> |
| Underfloor Support | 8" (203)             | <b>HPWWUST08</b> |
| Underfloor Support | 10" (254)            | <b>HPWWUST10</b> |
| Underfloor Support | 12" (305)            | <b>HPWWUST12</b> |
| Underfloor Support | 14" (356)            | <b>HPWWUST14</b> |
| Underfloor Support | 16" (406)            | <b>HPWWUST16</b> |
| Underfloor Support | 18" (457)            | <b>HPWWUST18</b> |
| Underfloor Support | 20" (508)            | <b>HPWWUST20</b> |
| Underfloor Support | 22" (559)            | <b>HPWWUST22</b> |
| Underfloor Support | 24" (610)            | <b>HPWWUST24</b> |
| Underfloor Support | 26" (660)            | <b>HPWWUST26</b> |
| Underfloor Support | 28" (711)            | <b>HPWWUST28</b> |
| Underfloor Support | 30" (762)            | <b>HPWWUST30</b> |
| Underfloor Fitting | 22" (559)            | <b>HPWWUFT22</b> |

## Pre-Galvanized Covers

| Width<br>Inches (mm) | Length<br>Inches (mm) | Catalog No.      |
|----------------------|-----------------------|------------------|
| 4" (102)             | 59" (1500)            | <b>HPWWC0405</b> |
| 6" (152)             | 59" (1500)            | <b>HPWWC0605</b> |
| 8" (203)             | 59" (1500)            | <b>HPWWC0805</b> |
| 12" (305)            | 59" (1500)            | <b>HPWWC1205</b> |
| 16" (406)            | 59" (1500)            | <b>HPWWC1605</b> |
| 18" (457)            | 59" (1500)            | <b>HPWWC1805</b> |
| 20" (508)            | 59" (1500)            | <b>HPWWC2005</b> |
| 24" (610)            | 59" (1500)            | <b>HPWWC2405</b> |

## Accessories

| Description               | Catalog No.      |
|---------------------------|------------------|
| Splice kit                | <b>HPWWSKT</b>   |
| Ground hold down, 50 pack | <b>HPWWGHD50</b> |
| Pedestal clamp            | <b>HPWWPCL</b>   |
| Pedestal kit              | <b>HPWWPKT</b>   |
| 6" underfloor C bracket   | <b>HPWWUCB06</b> |
| 12" underfloor C bracket  | <b>HPWWUCB12</b> |
| Vertical up               | <b>HPWWVUP</b>   |



HPWWSKT