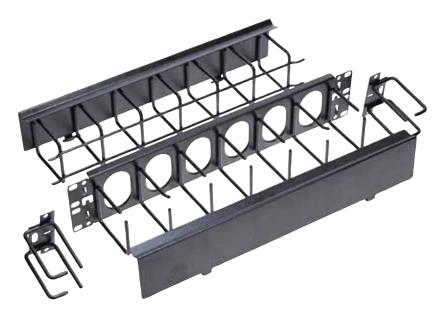


- All Steel Construction Rugged, Non-Flammable, No Fasteners to Wear or Break, No Fussing with Fingers
- Components Snap Together
  Quickly without the Use of Tools
- Modular Components Easily Configured in Field to Adapt to Demanding Applications
- Efficient Design Minimizes Weight and Steel Content



# Horizontal Cable Management



#### **FEATURES**

- Generous space between rings alleviates congestion
- Rugged, steel rod rings
- Pass-through holes with rolled edges
- Cable friendly round rings
- Locks in place when completely open to prevent cover from being removed or lost

#### **SPECIFICATIONS**

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

**NEXTFRAME®** Cable Management System provides a unique cable management framework for the cross connect. Developed by Hubbell to reduce installation time, maximize reliability, and increase flexibility, the **NEXTFRAME** system is the first modular cable management system.

**NEXTFRAME** reduces installation time, as components easily snap together. All **NEXTFRAME** components are secure, rugged, and reliable. **NEXTFRAME** relies solely on steel construction: no plastic parts to wear or break. **NEXTFRAME** provide unmatched flexibility. The flexibility of this system allows for upgrades as your cross connect requirements change.

**NEXTFRAME** adapts to changing cable volumes and transition locations, always providing a standards compliant structure for organizing incoming backbone cabling and patch cords.

Basic **NEXTFRAME** components are assembled on-site and built to meet special installation needs. The assemble-to-order nature of **NEXTFRAME** also means that you pay only for the features you require. **NEXTFRAME** grows as your cross connect grows.

#### STANDARDS/LISTINGS/VERIFICATIONS

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

#### **APPLICATIONS**

Use in data centers, the equipment room, and telecommunications room to provide racking, cable management, grounding, and power distribution for network hardware



# **DUCT PANELS**



- Front and rear cover shown

HC219CE3N - Front cover only

# Features/Benefits

- 7 rings
- 6 pass-through holes
- Hinged front cover
- Conceals patch cords and enhances the network appearance

| Rack<br>Width | Rack<br>Units | Panel<br>Height | Front Ring<br>Depth | Rear Ring<br>Depth | Catalog No.            |
|---------------|---------------|-----------------|---------------------|--------------------|------------------------|
| 19"           | 1U            | 1.75"           | 1.75"               | -                  | HC119CE1N              |
| 19"           | 1U            | 1.75"           | 3.50"               | -                  | HC119CE3H1             |
| 19"           | 1U            | 1.75"           | 3.50"               | 6.00"              | HC119GC363             |
| 19"           | 1U            | 1.75"           | 6.00"               | -                  | HC119CE6H1             |
| 19"           | 2U            | 3.50"           | 1.75"               | -                  | HC219CE1N              |
| 19"           | 2U            | 3.50"           | 3.50"               | -                  | HC219CE3N              |
| 19"           | 2U            | 3.50"           | 3.50"               | 6.00"              | HC219GC363             |
| 19"           | 2U            | 3.50"           | 3.50"               | 6.00"              | HC219GC36P4            |
| 19"           | 2U            | 3.50"           | 6.00"               | -                  | HC219CE6N              |
| 19"           | 2U            | 3.50"           | 3.50"               | 4.6"               | HC219CR3N <sup>2</sup> |
| 19"           | 2U            | 3.50"           | 3.50"               | 4.6"               | HC219CC3N3             |
| 19"           | 3U            | 5.25"           | 3.50"               | -                  | HC319CE3N              |
| 19"           | 3U            | 5.25"           | 6.00"               | -                  | HC319CE6N              |

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

# **ENHANCED PANELS**



HC219ME3N

#### Features/Benefits

- 7 rings
- 6 pass-through holes
- These panels can be upgraded through the use of accessories

| Rack<br>Width | Rack<br>Units | Panel<br>Height | Front Ring<br>Depth | Rear<br>Rings | Catalog No. |
|---------------|---------------|-----------------|---------------------|---------------|-------------|
| 19"           | 1U            | 1.75"           | 3.50"               | No            | HC119ME3N   |
| 19"           | 1U            | 1.75"           | 6.00"               | No            | HC119ME6N   |
| 19"           | 2U            | 3.50"           | 3.50"               | No            | HC219ME3N   |
| 19"           | 2U            | 3.50"           | 6.00"               | No            | HC219ME6N   |
| 19"           | 3U            | 5.25"           | 3.50"               | No            | HC319ME3N   |
| 19"           | 3U            | 5.25"           | 6.00"               | No            | HC319ME6N   |

# **BASIC PANELS**



HC219MS1N

#### Features/Benefits

- 4 rings
- Solid panel
- Use when accessories or pass-through holes are not required

| Rack<br>Width | Rack<br>Units | Panel<br>Height | Front Ring<br>Depth | Rear<br>Rings | Catalog No. |
|---------------|---------------|-----------------|---------------------|---------------|-------------|
| 19"           | 1U            | 1.75"           | 1.75"               | No            | HC119MS1N   |
| 19"           | 1U            | 1.75"           | 3.50"               | No            | HC119MS3N   |
| 19"           | 2U            | 3.50"           | 1.75"               | No            | HC219MS1N   |
| 19"           | 2U            | 3.50"           | 3.50"               | No            | HC219MS3N   |
| 23"           | 2U            | 3.50"           | 1.75"               | No            | HC223MS1N   |

<sup>&</sup>lt;sup>2</sup>Includes rear wire frame.

 $<sup>^{3}\</sup>mbox{lncludes}$  rear wire frame and rear cover; no pass-through holes.

<sup>&</sup>lt;sup>4</sup>Includes rear wire frame, cover and pass-through holes.

#### **CABLE MANAGER WITH WIRE SADDLES**

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

| Rack Units | Height | Ring Depth | Catalog No. |
|------------|--------|------------|-------------|
| 1U         | 1.75"  | 3"         | HC119ME3S   |
| 2U         | 3.50"  | 3"         | HC219ME3S   |



HC219ME3S

# **Horizontal Cable Management Accessories**

#### FRONT/REAR COVER

#### Features/Benefits

- Conceals patch cords
- Locks in place when completely open to prevent cover from being removed or lost
- Snaps open and closed, no fasteners to lose or break
- Easily removed and replaced during moves, adds and changes

# **Specification**

- Material: 16ga cold-rolled steel
- Durable, black powder coat



HC219C

The hinged cover can be used on the front and/or rear of the enhanced-style **NEXTFRAME®** horizontal cable management system.

| Contents: 1 cover |            |              |             |  |  |  |
|-------------------|------------|--------------|-------------|--|--|--|
| Rack Width        | Rack Units | Panel Height | Catalog No. |  |  |  |
| 19"               | 1U         | 1.75"        | HC119C      |  |  |  |
| 19"               | 2U         | 3.50"        | HC219C      |  |  |  |
| 19"               | 3U         | 5.25"        | HC319C      |  |  |  |

# **VERTICAL MANAGEMENT RINGS**

#### Features/Benefits

 Mounts to front of 2U and 3U panels or can be mounted directly to rack mounting rails — front or rear

#### **Specification**

- Material: steel
- Finish: black powder coat



HC23VR2

The vertical management rings attach to 19" tapped holes on the rack rails or uprights of cabinets to provide vertical cable management.

| Catalog No.                                | HC23VR2    | HC26VR   |  |  |  |
|--|------------|----------|--|--|--|
| Depth                                      | 3.50" (89) | 6" (152) |  |  |  |
| Contents: 2 rings, 1 kit mounting hardware |            |          |  |  |  |

#### **VERTICAL MANAGEMENT RINGS**

# Features/Benefits

- Rugged, non-flammable, will not wear or break like plastic
- Easy access, allowing patch cords to connect at rear of hubs
- Round rod design prevents cable from chafing

# Specification

- Material: 0.225" diameter steel rod, 3½" high rings
- Finish: durable, black powder coat



HC33WF

Mounts to 2U and 3U panels only. Our unique design allows the frame to clip on to the rear of enhanced- or duct-style panels without the use of tools.

| Contents: 1 rear wire frame |            |          |  |  |
|-----------------------------|------------|----------|--|--|
| Depth                       | 4.6" (117) | 6" (152) |  |  |
| Catalog No.                 | HC33WF     | HC36WF   |  |  |

#### PLASTIC CABLE MANAGEMENT RINGS



#### Features/Benefits

- Adhesive or non-adhesive versions
- Use for patch cord cable management

#### Specification

- Material: polycarbonate, black
- Height: 3.95"; width: 2.95"

Contents: 4 rings

#### PLASTIC FINGER DUCT ORGANIZER



HC219CE3P

#### Features/Benefits

- Lightweight
- Conceals cable stored in duct
- Individual patch cord management

#### Specification

- Material: extruded PVC
- Metal panel: 16ga cold rolled steel
- Color: black

Plastic duct-style horizontal cable organizers are the traditional solution for storing and routing jumpers and patch cords on a 19" equipment rack. The slots in the finger duct accommodate precise routing of patch cords

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

| Rack Units | Height | Front Duct<br>Depth | Rear Duct<br>Depth | Catalog No. |
|------------|--------|---------------------|--------------------|-------------|
| 2U         | 3.50"  | 3"                  | 5"                 | HC219CC3P   |
| 2U         | 3.50"  | 3"                  | None               | HC219CE3P   |
| 1U         | 1.75"  | 3"                  | 5"                 | HC119CC3P   |
| 1U         | 1.75"  | 3"                  | None               | HC119CE3P   |

#### **EXTENDER BRACKETS, 23"**



#### Features/Benefits

- Brackets occupy two rack units
- For use with patch panels and cable management panels

# Specification

- Material: ABS, black
- Maintains T568-A compliant bend radius as cable transitions from horizontal to vertical

The extender bracket is used to modify a 19" panel to mount onto a 23" rack

Contents: 2 brackets, 1 kit of mounting hardware

Catalog No. **BREXTB235** 

® is a registered trademark of Hubbell Incorporated.

