KEY FEATURES
• Supports 19” rack-mount equipment designed for two-post panel mounting like patch panels and network switches or use with shelves to support computer servers.
• Easy positioning of equipment or shelves with marked and numbered rack-mount spaces.
• Quick attachment of equipment with threaded equipment mounting holes and included equipment-mounting screws.
• Delivers unassembled in a single carton — quick and easy bolt-together assembly takes less than 10 minutes.
• Lightweight aluminum construction for easy transport and positioning during installation.
• Integrated grounding with a built-in attachment point for a ground (earthing) connection.
• Attach CPI vertical cable managers to the side of the rack through pre-punched holes.
• Secure the rack to the floor quickly with a concrete, wood or raised floor installation kit through pre-punched holes in base angle.

APPLICATIONS
• Use with vertical and horizontal cable managers to support interconnect and network equipment in telecommunications rooms, equipment rooms and data centers.
• Use with shelves to support equipment.

USE WITH
• Evolution® Cable Management
• Velocity® Cable Management
• Rack and Frame Installation Kit
• Raised Floor Rack Support For 3” Channel

RELATED ACCESSORIES
• 3” Channel Rack-To-Runway Mounting Plate
• Vertical PDUs for Racks
• Rack Shelves

Universal Rack is a heavy duty storage solution for patch panels and network switches and can be used with shelves to hold computer servers. Universal Rack uses less floor space than a cabinet or a four-post rack. Use Universal Rack in telecommunications rooms or equipment rooms to save floor space and hold heavy equipment.

Universal Rack meets project specifications. Universal Rack holds 1,500 lb (680.4 kg) of equipment, has integrated grounding and is available UL and cUL Listed as a communications circuit accessory. Universal Rack supports 19”, 23” or 35” wide rack-mount equipment and shelves and is available in several heights. Equipment attaches to the front or rear of the 3”D (76 mm) vertical mounting channels with screws. Equipment mounting positions are marked and numbered making it easy to position and install equipment or shelves.

Racks deliver unassembled in a compact carton. Universal Rack is easy to assemble. Components bolt together with included hardware. Assembly holes in the rack uprights are threaded. Assembly takes approximately 10 minutes. Two-post racks must be secured to building structure. Universal Rack has pre-punched base angles making it easy to attach the rack to the floor. Use a CPI installation kit for wood, slab or raised floors.

Most Universal Rack applications require cable management. Vertical cable managers attach directly to the side of Universal Rack. CPI cable managers organize cables by-rack-mount-space simplifying future moves, adds and changes to the network. The best solution includes horizontal managers in between patch panels and network switches to fan patch cords into individual port connections.

See reverse for product selection. Contact CPI Technical Support for configuration assistance.
SPECIFICATIONS
- Open floor-mount two-post rack supports 19" W EIA, 23" W or 35" W rack-mount equipment.
- For indoor use only, in environmentally controlled areas; may not be used outdoors, in industrial or harsh environments, or in plenum spaces.
- Available sizes:
  - Heights: See Dimension Table
- Depth: 15" (381 mm)
- Equipment space:
  - Heights: See Dimension Table
- Depth: 20" D (508 mm)

Equipment Support:
- 1 pair C-shaped equipment mounting channels
- 19" W, 23" W or 35" W
- EIA-310-D compliant, Universal hole pattern
- 5/8"/5/8"-1/2" vertical hole spacing
- Threaded #12-24 equipment mounting holes
- Fixed in place

Cable Management
Use vertical and horizontal cable managers, sold as accessories.

Load Capacity:
1,500 lb (680.4 kg) of equipment

Grounding/Bonding
- Top angles, base angles and side channels are electrically bonded by assembly hardware
- One exception - top angles are not electrically bonded on Flush Bolted Racks (P/N 467XX).
- A masked mounting location for ground lug with two 1/4-20 threaded studs spaced 5/8" apart is provided inside the side channel.
- Racks that are over 6'H (1.8 m) have top and bottom mounting locations.
- Use the CPI Grounding Jumper (P/N 40159-008) as a rack bonding conductor.

Certifications:
EIA-310-D compliant
Select models are UL Listed as a communications circuit accessory.

Material:
Aluminum extrusion

Construction:
Bolted assembly
Ships unassembled

Finish:
Clear grained aluminum or epoxy-polyester hybrid powder coat paint
Available in black, gray or computer white.

DIMENSIONS

ORDERING INFORMATION
The part numbers listed below are the most popular styles. There are two other top bar/angle styles that are not shown in the tables below:

19" W Universal Rack

<table>
<thead>
<tr>
<th>Part Number</th>
<th>UL Listed</th>
<th>Description</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>46353-X01</td>
<td>46353-X31</td>
<td>36&quot; H x 19&quot; W, 17U</td>
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<td>66&quot; H x 19&quot; W, 34U</td>
<td>36 lb</td>
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<tr>
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<td>46353-X01</td>
<td>72&quot; H x 19&quot; W, 38U</td>
<td>37 lb</td>
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<tr>
<td>46353-X02</td>
<td>46353-X02</td>
<td>78&quot; H x 19&quot; W, 41U</td>
<td>38 lb</td>
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<tr>
<td>46353-X03</td>
<td>46353-X03</td>
<td>84&quot; H x 19&quot; W, 45U</td>
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<tr>
<td>46353-X05</td>
<td>46353-X05</td>
<td>90&quot; H x 19&quot; W, 48U</td>
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<td>46353-X15</td>
<td>96&quot; H x 19&quot; W, 51U</td>
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<tr>
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<tr>
<td>46353-X08</td>
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23" W Universal Rack

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<td>66&quot; H x 23&quot; W, 34U</td>
<td>39 lb</td>
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<tr>
<td>46383-X01</td>
<td>46383-X01</td>
<td>72&quot; H x 23&quot; W, 38U</td>
<td>40 lb</td>
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<tr>
<td>46383-X02</td>
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<td>78&quot; H x 23&quot; W, 41U</td>
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35" W Universal Rack

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X-color: 1=Gray, 2=Computer White, 5=Clear, 7=Black. Also available with flat top bars (P/N 460XX) or flush bolted top angles (P/N 467XX).