APPLICATION
The Overhead Infrastructure Platform (OIP) provides full support for cabling pathways, power, lighting, and other infrastructure. Platforms can carry the load of cables and ladder trays while freeing up rack space by adding patching above cabinets or racks. Since racks and cabinets are not attached to the overhead infrastructure, power and cabling can be quickly disconnected from the cabinet without removing hardware.

FEATURES
• Works with any cabinet, rack, cable tray, ladder, or raceway
• Scalable for growth: add more at any time
• System accessories require no rack unit space
• Enables offline cabinet build-out
• Ideal for data centers with high ceilings
• Makes frequent moves, adds, and changes quick and easy
• Allows unobstructed access to overhead cabling
• Faster deployment, decommissioning or replacement of cabinets
• Reduced installation costs and fewer on-site problems
• Allows expansion without disruption of current operations
• Complies with TIA-569, cULus Listed, and meets ANSI STANDARD T1.336-2003 Tier 1 Universal Telecom Framework
• Includes industry-compliant bonding and grounding points

DESIGN CONSIDERATIONS
Frame loading: Maximum mounted equipment weight shall not exceed 400 lbs when frames are installed 8' apart, bearing upon two 102" H x 42" W frames joined by two sections of 1 5/8" x 1 5/8" 12-gauge steel channel (not included).
• Recommended maximum span distance between frames is 8'
• Recommended height of platforms 1' taller than cabinets, at a minimum
• Two steel channels required to join platform supports (Unistrut® recommended)
• Refer to manufacturer for mounting ladder tray and wire basket
• Follow TIA recommendations for grounding

PHYSICAL SPECIFICATIONS
Dimensions: See following page for details
Materials: 11-gauge steel, powder-coated black
Packaging: Boxed and palletized — flat

STANDARDS COMPLIANCE
Meets or exceeds all applicable standards:
• cULus Listed
• Complies with TIA-569
• Meets ANSI STANDARD T1.336-2003 Tier 1 Universal Telecom Framework
• Bonding and grounding lug hole patterns on frames accommodate two-hole lugs per the recommendation of BICSI and ANSI-J-STD-607-A standards

SPECIFICATION
The platform shall be floor-mounted. It shall provide overhead support for cabling, wire baskets, ladder trays, and raceway. It shall provide brackets for mounting power, patch panels, and other network connectivity to the frame. The platform shall provide options to mount either directly to a concrete floor or raised-floor mounting. The platform shall include industry compliant bonding and grounding points. It shall comply with TIA-569 and ANSI STANDARD T1.336.2003 Tier 1 Universal Telecom Framework, and be cULus Listed.

WARRANTY INFORMATION
Visit www.leviton.com/warranty.

Unistrut® is a registered trademark of Unistrut Corporation.
PRODUCT SPECIFICATIONS
Overhead Infrastructure Platform

ELECTRONIC FILES
For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

ACCESSORIES

- **Frame drill template** — Used to designate spacing of uprights
- **Channel Attachment Bracket Kit** — Left and right brackets mount to standard steel channel framing to span the infrastructure platform
- **Sub-floor Mounting Kit** — Plate for bottom of a raised floor tile accepts standard threaded rod up to 1/2".
- **C-Bracket** — Creates a two-tier mounting surface for ladder trays or wire baskets. Available in a variety of sizes: 6/6", 8/8", 12/8", 20/8", 20/18", 24/12", 24/20", 30/24"
- **Patch Panel Bracket** — Brackets mount on the steel channel above the cabinet and accept standard 19-inch patch panels or other fiber enclosures, providing up to 4U of additional patching capability

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## OVERHEAD INFRASTRUCTURE PLATFORMS & ACCESSORIES*

<table>
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<th>Description</th>
<th>Part No.</th>
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<th>Part No.</th>
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<tr>
<td>OIP Frame, 36” x 96”</td>
<td>OIPFR-36A</td>
<td>Channel Attachment Bracket Kit (2 included)</td>
<td>OIPFR-CAB</td>
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<tr>
<td>OIP Frame, 36” x 108”</td>
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<td>8/8” Frame Extension Mounting C-Bracket</td>
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<td>OIP Frame, 42” x 108”</td>
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<td>12/8” Frame Extension Mounting C-Bracket</td>
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<td>OIP Frame, 42” x 120”</td>
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<td>20/8” Frame Extension Mounting C-Bracket</td>
<td>OIP20-08C</td>
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<tr>
<td>OIP Frame, 48” x 96”</td>
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<td>20/18” Frame Extension Mounting C-Bracket</td>
<td>OIP20-18C</td>
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<tr>
<td>OIP Frame, 48” x 108”</td>
<td>OIPFR-48B</td>
<td>24/12” Frame Extension Mounting C-Bracket</td>
<td>OIP24-12C</td>
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<tr>
<td>OIP Frame, 48” x 120”</td>
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<td>24/20” Frame Extension Mounting C-Bracket</td>
<td>OIP24-20C</td>
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<tr>
<td>36” Frame Drill Template</td>
<td>OIPDT-36W</td>
<td>30/24&quot; Frame Extension Mounting C-Bracket</td>
<td>OIP30-24C</td>
</tr>
<tr>
<td>42” Frame Drill Template</td>
<td>OIPDT-42W</td>
<td>Patch Panel Bracket</td>
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<tr>
<td>48” Frame Drill Template</td>
<td>OIPDT-48W</td>
<td>Patch Panel Bracket</td>
<td></td>
</tr>
</tbody>
</table>

Components required for typical 8’ section:

**Frame**
- 2 OIP Frames (4 uprights, 2 crossbars)
- 2 Channel Attachment Bracket Kits (4 brackets)
- 2 10’ steel channels, cut to size (Unistrut® recommended, sold separately)

**Recommended Accessories**
- 2 Sub-floor Mounting Kits (for raised floor)
- 2 Patch Panel Brackets
- 2 C-brackets (dependent on size of basket tray, ladder track, etc.)

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![Diagram of Overhead Infrastructure Platform](image)