Wyr-Grid® Overhead Cable Tray Routing System

**Specifications**

The overhead cable tray routing system shall consist of pathway sections, splice connectors, sidewalls, waterfalls, mounting brackets, and accessories designed to route and manage copper, fiber optic, or power cables. The pathway sections shall be provided in five widths: 8" (203mm), 12" (305mm), 18" (457mm), 24" (610mm) and 30" (762mm). Optional snap-on sidewalls shall include 2" (50mm), 4" (102mm), and 6" (152mm) heights that can be hand installed at any location along pathway sections. Sidewall waterfalls and intersection bend radius parts shall provide 3" (76mm) bend radius protection. Trapeze, cantilever, and wall mount brackets shall be provided to support the system. Components shall be painted black or electro zinc plated.

**Technical Information**

Wire fill table:

<table>
<thead>
<tr>
<th>X (in.)</th>
<th>Y (in.)</th>
<th>Internal Area (in.²)</th>
<th>Category 6 A Dia. 0.300&quot; 7.6mm</th>
<th>Category 6 A Dia. 0.240&quot; 6.1mm</th>
<th>X (in.)</th>
<th>Y (in.)</th>
<th>Internal Area (in.²)</th>
<th>Category 6 A Dia. 0.300&quot; 7.6mm</th>
<th>Category 6 A Dia. 0.240&quot; 6.1mm</th>
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<tr>
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<td>4</td>
<td>16.3</td>
<td>115</td>
<td>180</td>
<td>24.2</td>
<td>4</td>
<td>96.7</td>
<td>684</td>
<td>1069</td>
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<tr>
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<td>32.4</td>
<td>229</td>
<td>358</td>
<td>2</td>
<td>6</td>
<td>120.7</td>
<td>854</td>
<td>1334</td>
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<td>36.3</td>
<td>257</td>
<td>401</td>
<td>2</td>
<td>6</td>
<td>181</td>
<td>1280</td>
<td>2000</td>
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<td>145</td>
<td>1026</td>
<td>1603</td>
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<td>807</td>
<td>6</td>
<td>6</td>
<td>203</td>
<td>1280</td>
<td>2000</td>
</tr>
</tbody>
</table>

Material:
- Black (BL): Pre-galvanized steel wire and galvanized cold rolled steel prior to paint
- Pre-Galvanized (PG): Pre-galvanized steel wire and galvanized cold rolled steel prior to paint
- Electro Zinc (EZ): Steel wire and cold rolled steel, electro zinc plated

RoHS Compliant

**Approvals:**
- UL Classified for their suitability for use as Equipment Grounding Conductor in accordance with Sections 392.3(C) and 392.7(B) of the NEC.
- Metal Cable Tray in accordance with CAN/CSA-C22.2 No. 126.1-02.
- EN61537:2007 Cable Tray Systems and Cable Ladder Systems for Cable Management.
- Corrosion resistant per ASTM A653/A653M-08 and A641/A641M-09.
- CSA-C22.2 No. 126.1-02.
- RoHS Compliant.

**Key Features and Benefits**

**Strength to weight ratio**
The design of the Wyr-Grid® Pathway Sections provides a greater strength to weight ratio than competitive wire basket; easier handling translates into faster installation.

**Grid pattern**
The 4" x 5" wire mesh grid pattern allows greater amounts of cables and QuickNet® Cassettes to pass through grid openings without additional cutting, reducing installation time.

**No integral sidewalls**
Less cutting on straight sections, no cutting at intersections and waterfalls reduces installation time.

**Snap-on sidewalks**
Sidewalls can be attached where needed to retain cables within the Wyr-Grid® Pathway Sections providing more configuration versatility.

**Bend radius control sidewalks**
Protects cables at intersections and can be easily attached without cutting or fabrication.

**Bonding splice**
A thread cutting screw pierces the paint of adjacent cable tray sections providing a completely bonded connection, ensuring electrical continuity between the sections.

**Snap-on waterfalls**
Protects cables when transitioning down to equipment and can be easily attached without cutting or fabrication.

**Applications**
The Wyr-Grid® Overhead Cable Tray System is designed to route and manage copper data cables, fiber optic, or power cables within data centers, connected buildings, and industrial automation applications. Innovative features provide quick, safe, and easy assembly for reduced installation costs and faster deployment. Can easily accommodate FiberRunner® Pathways into the application to provide a segregated copper and fiber cabling strategy.

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**Pathway Sections**

- 8" Width: WG8BL10 (not shown)
- 12" Width: WG12BL10
- 18" Width: WG18BL10
- 24" Width: WG24BL10
- 30" Width: WG30BL10

**Mounting Brackets**

**Trapeze Brackets**
- 8" Wide: WGTBS8BL (not shown)
- 12" Wide: WGTBS12BL (not shown)
- 18" Wide: WGTBS18BL
- 24" Wide: WGTBS24BL
- 30" Wide: WGTBS30BL

**Cantilever Brackets**
- 12" Wide: WGC12BL
- 18" Wide: WGC18BL (not shown)
- 24" Wide: WGC24BL (not shown)

**Wall Mount Termination Brackets**
- 8" Wide: WGWMT8BL (not shown)
- 12" Wide: WGWMT12BL (not shown)
- 18" – 30" Wide: WGWMT1830BL

**Splice Connectors**
- For 8", 12", and 18" Widths: WGPL1218BL
- For 24" and 30" Widths: WGPL2430BL
- Intersection Splice: WGINSTPLBL

**Snap-On Sidewalls**
- 2" Sidewall: WG2W2BL (not shown)
- 4" Sidewall: WG4W4BL
- 6" Sidewall: WG6W6BL

**Waterfalls**
- 4" Side Waterfall: WGWFS4BL
- Bottom Waterfall: WGBTMWFBL

**Intersection Bend Radius Control**
- 2" High Sidewall: WGI1RC2BL
- 4" High Sidewall: WGI1RC4BL
- 6" High Sidewall: WGI1RC6BL

**Accessories**
- Hardware Kit: WGHRDKTBL

**Tray Liner**
- 8" Tray Liner: WGLT8PG (not shown)
- 12" Tray Liner: WGLT12PG (not shown)
- 18" Tray Liner: WGLT18PG (not shown)
- 24" Tray Liner: WGLT24PG (not shown)
- 30" Tray Liner: WGLT30PG

**Divider Wall**
- 2" Divider Wall: WGDW2PG (not shown)
- 4" Divider Wall: WGDW4PG
- 6" Divider Wall: WGDW6PG (not shown)