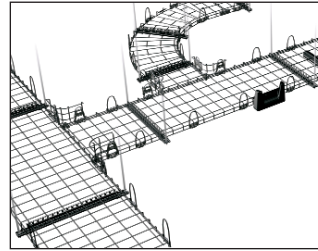


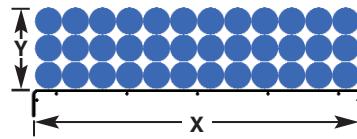
### specifications

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



### technical information

#### Wire fill table:



X	Y	Internal Area (in <sup>2</sup> )	Category 6A Dia. 7.57mm 0.298"	Category 6 Dia. 6.35mm 0.250"	X	Y	Internal Area (in <sup>2</sup> )	Category 6A Dia. 7.57mm 0.298"	Category 6 Dia. 6.35mm 0.250"
					12.2	2	24.3	174	248
	4	48.7	349	496		4	96.7	693	985
	6	73.0	523	744		6	145.0	1039	1477
18.2	2	36.3	260	370	30.2	2	60.3	433	615
	4	72.7	521	740		4	120.7	865	1229
	6	109.0	781	1110		6	181.0	1298	1844

**Material:** Pre-galvanized steel wire and galvanized cold rolled steel prior to paint  
ABS (Sidewall Waterfall)  
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 (pending)  
Metal Cable Tray in accordance with CAN/CSA-C22.2 No.126.1-02 (pending)  
NEMA VE 1-2002 and ANSI/NFPA 70, "National Electric Code" (NEC)  
Corrosion resistant per ASTM A653/A653M-08 and A641/A641M-09  
EN61537:2007 Cable Tray Systems and Cable Ladder Systems for Cable Management (pending)

**CSI spec form:** LP-CSISPEC-WG

### key features and benefits

<b>Strength to weight ratio</b>	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
<b>Grid pattern</b>	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
<b>No integral sidewalls</b>	Less cutting on straight sections, no cutting at intersections and waterfalls reduces installation time
<b>Snap-on sidewalls</b>	Sidewalls can be attached where needed to retain cables within the Wyr-Grid™ Pathway Sections providing greater configuration versatility
<b>Bend radius control sidewalls</b>	Protects cables at intersections and can be easily attached without cutting or fabrication
<b>Bonding splice</b>	A thread cutting screw pierces the paint of adjacent cable tray sections providing a completely bonded connection, ensuring electrical continuity between the sections
<b>Snap-on waterfalls</b>	Protects cables when transitioning down to equipment and can be easily attached without cutting or fabrication
<b>Black painted finish</b>	Provides corrosion protection; matches equipment racks and cabinets

### applications

The Wyr-Grid™ Overhead Cable Tray System is designed to route and manage copper data cables, fiber optic cables, and power cables within data centers, connected buildings, and industrial automation applications. Innovative features

provide quick, 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.

#### Wyr-Grid™ Pathway Sections

12"W x 120"L:	WG12BL10
18"W x 120"L:	WG18BL10
24"W x 120"L:	WG24BL10
30"W x 120"L:	WG30BL10

#### Splice Connectors

12" and 18" splice:	WGSPL1218BL
24" and 30" splice:	WGSPL2430BL
Intersection splice:	WGINTSPLBL

#### Snap-On Sidewalls

2" sidewall:	WGSDWL2BL
4" sidewall:	WGSDWL4BL
6" sidewall:	WGSDWL6BL

#### Waterfalls

4" sidewall waterfall:	WGSDWWF4BL
Bottom waterfall:	WGBTMWFBL

#### Mounting Brackets

12" trapeze bracket:	WGTB12BL
18" trapeze bracket:	WGTB18BL
24" trapeze bracket:	WGTB24BL
30" trapeze bracket:	WGTB30BL
12" cantilever bracket:	WGCB12BL
18" cantilever bracket:	WGCB18BL
24" cantilever bracket:	WGCB24BL
12" wall bracket:	WGWMTB12BL
18" – 30" wall bracket:	WGWMTB1830BL

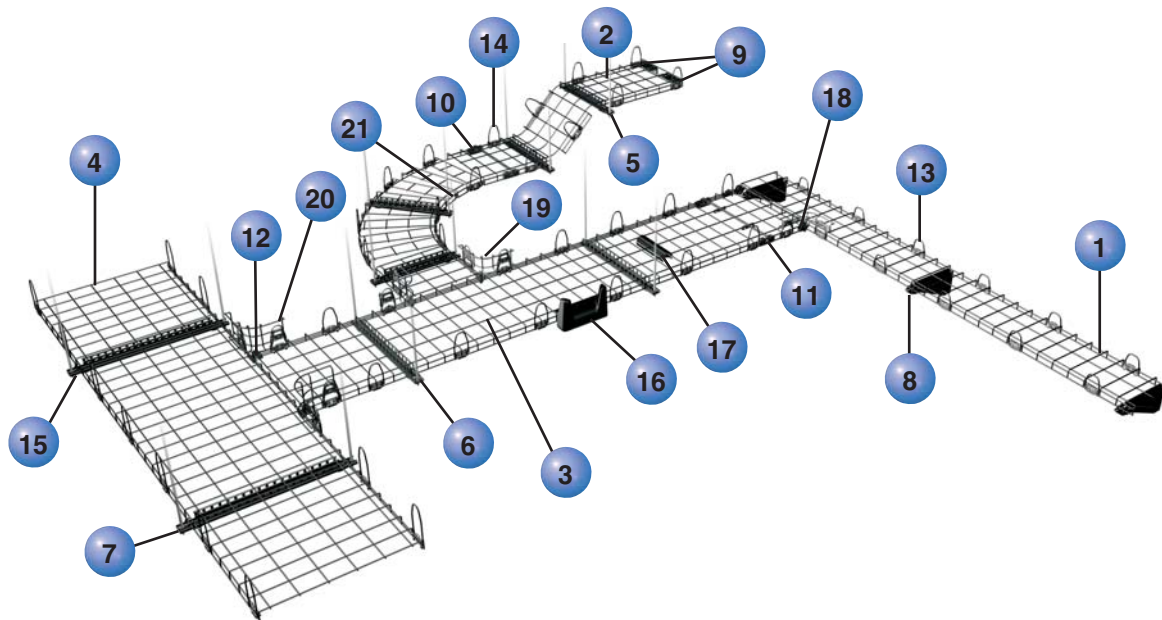
#### Intersection Bend Radius Control

2" high sidewall:	WGINTBRC2BL
4" high sidewall:	WGINTBRC4BL
6" high sidewall:	WGINTBRC6BL

#### Accessories

Manual cutting tool:	WGCT-M
Hydraulic cutting tool:	WGCT-A
Hardware kit:	WGHRDWKT

# Wyr-Grid™ Overhead Cable Tray Routing System



## Pathway Sections



- 1 12" Width: WG12BL10
- 2 18" Width: WG18BL10
- 3 24" Width: WG24BL10
- 4 30" Width: WG30BL10

## Mounting Brackets

### Trapeze Brackets



- 12" Wide: WGTB12BL (not shown)
- 5 18" Wide: WGTB18BL
- 6 24" Wide: WGTB24BL
- 7 30" Wide: WGTB30BL

### Cantilever Brackets



- 8 12" Wide: WGCB12BL
- 18" Wide: WGCB18BL (not shown)
- 24" Wide: WGCB24BL (not shown)

### Wall Mount Termination Brackets



- 12" Wide: GWWMTB12BL (not shown)
- 9 18 – 30" Wide: GWWMTB1830BL

## Splice Connectors



- 10 For 12" & 18" Widths: WGSPL1218BL
- 11 For 24" & 30" Widths: WGSPL2430BL
- 12 Intersection Splice: WGINTSPLBL

## Snap-On Sidewalls



- 13 2" Sidewall: WGSDWL2BL
- 14 4" Sidewall: WGSDWL4BL
- 15 6" Sidewall: WGSDWL6BL

## Waterfalls



- 16 4" Sidewall Waterfall: WGSDWWF4BL
- 17 Bottom Waterfall: WGBTMWFB

## Intersection Bend Radius Control



- 18 2" High Sidewall: WGINTBRC2BL
- 19 4" High Sidewall: WGINTBRC4BL
- 20 6" High Sidewall: WGINTBRC6BL

## Accessories

- 21 Hardware Kit: WGHRDWKT

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