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 four widths: 12" (305 mm), 18" (457 mm), 24" (610 mm) and 30" (762 mm). 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. Sidewall waterfalls and intersection bend radius parts shall provide 3" (76 mm) bend radius protection. Trapeze, cantilever, and wall mount brackets shall be provided to support the system. All components shall be painted black.
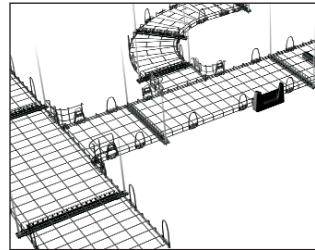
technical information

Wire fill table:
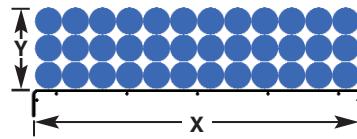
X (in.)	Y (in.)	Internal Area (in²)	Category 6A Dia. 0.300" 7.6mm	Category 6 Dia. 0.240" 6.1mm	X (in.)	Y (in.)	Internal Area (in²)	Category 6A Dia. 0.300" 7.6mm	Category 6 Dia. 0.240" 6.1mm
12.2	2	24.3	172	269	24.2	2	48.3	342	534
	4	48.7	344	538		4	96.7	684	1069
	6	73.0	516	807		6	145.0	1026	1603
18.2	2	36.3	257	401	30.2	2	60.3	427	666
	4	72.7	514	804		4	120.7	854	1334
	6	109.0	771	1205		6	181.0	1280	2000

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
Metal Cable Tray in accordance with CAN/CSA-C22.2 No.126.1-02
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

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 sidewalls	Sidewalls can be attached where needed to retain cables within the Wyr-Grid® Pathway Sections providing greater configuration versatility
Bend radius control sidewalls	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
Black painted finish	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, or 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.

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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
Strut bracket:	WGSTRKTBL

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:	WGHRDWKTBL

Wyr-Grid® Overhead Cable Tray Routing System
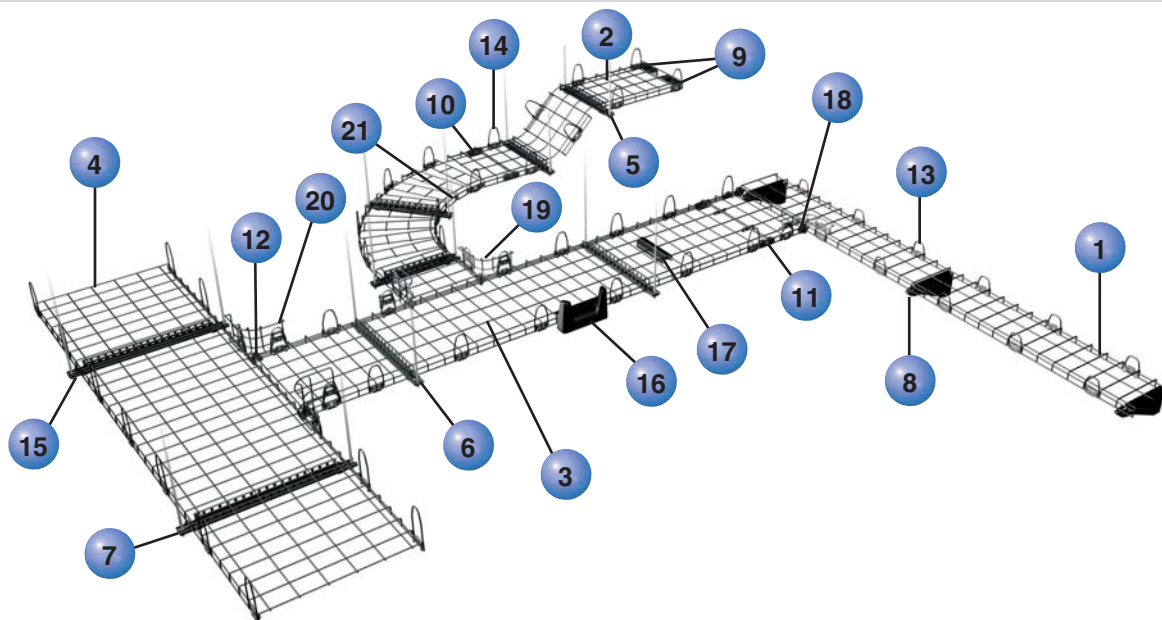
Pathway Sections

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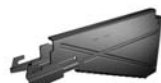
8	**12" Wide: WGCB12BL**
	18" Wide: WGCB18BL (not shown)
	24" Wide: WGCB24BL (not shown)

Wall Mount Termination Brackets

	12" Wide: WGWMTB12BL (not shown)
9	**18 – 30" Wide: WGWMTB1830BL**

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: WGBTMWFBL**

Intersection Bend Radius Control

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

Accessories

21	**Hardware Kit: WGHRDWKTBL**

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information

Visit us at www.panduit.com

**Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300 and reference FRSP12**

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