

ONTRAC™ WIRE MESH CABLE TRAY SYSTEM

KEY FEATURES

- Easy to use pathway solution that supports large quantities of network cables
- Can be cut and formed to create smooth curved transitions around obstacles
- Cable tray can be used above the drop ceiling or under access floors to create a hidden pathway for network cables
- Open top design makes cable moves, adds and changes easier
- Available in multiple widths and depths to match cable fill requirements
- Easy to splice and bond together
- Support trays from the floor, ceiling, wall or the tops of racks and cabinets

APPLICATIONS

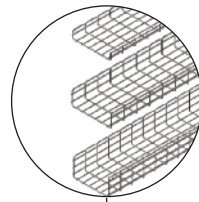
- Use the OnTrac™ Wire Mesh Cable Tray System to distribute network cables to equipment cabinets and racks in the data center and network equipment rooms or to individual office spaces in commercial buildings.

USE WITH

- CPI Rack Systems
- CPI Cabinet and Enclosure Systems
- CPI Zone Cabling and Wireless Enclosures

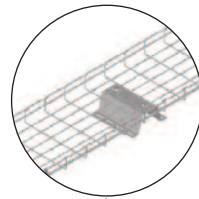
RELATED ACCESSORIES

- Auxiliary Framing Channel
- CPI Grounding and Bonding Products



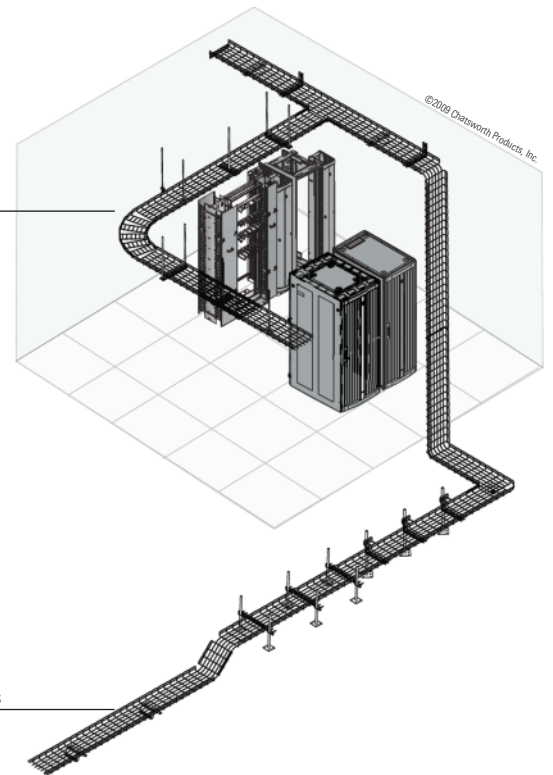
OnTrac Wire Mesh Cable Tray

Available in multiple widths and depths



Wall, Ceiling & Floor Supports

Attach trays to building structures, racks or cabinets



Use CPI's OnTrac™ Wire Mesh Cable Tray System to create point-to-point pathways for network cabling in data centers, network equipment rooms and office spaces.

The OnTrac Wire Mesh Cable Tray System can be cut and formed into smooth turns and transitions easily adapting to most locations. The tray provides excellent load bearing capability and protection for cables, can be used in plenum spaces and is UL Classified for suitability as an equipment grounding conductor. Choose from various supports to attach the tray to the ceiling, wall or under access floors. A variety of cable management accessories are also offered to protect and guide cables along the pathway.

OnTrac Wire Mesh Cable Tray is manufactured from 5 mm and 6 mm diameter steel wire that is welded into a 2 inch x 4 inch (50 mm x 100 mm) rectangular grid pattern. The tray is available in standard 10 foot lengths (3 m) and multiple widths and depths. Side walls are 2 inches (50 mm), 4 inches (100 mm) and 6 inches high (150 mm) to support different cable fill capacities. The tray is available in a pre-galvanized or zinc electroplate finish or painted with powder-coat paint.

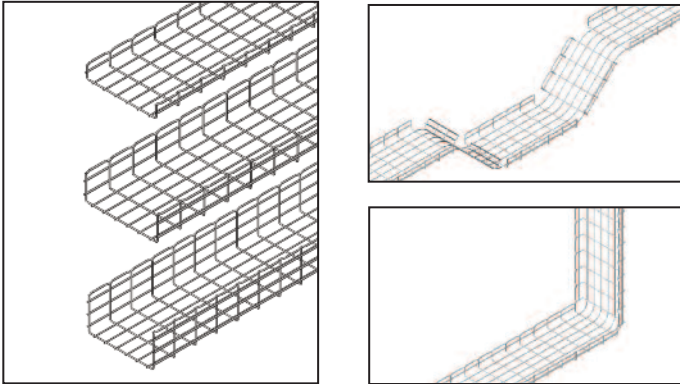
Ordering information is listed on the following pages. Contact CPI Technical Support for configuration assistance.

ORDERING INFORMATION



OnTrac Wire Mesh Cable Tray

- For indoor use in a controlled environment
- Use overhead, along walls or under access floors to create a pathway for network cables
- Cut and bend to form smooth curved transitions around obstacles
- Constructed from 5 mm and 6 mm diameter steel wires, welded on 2" x 4" (50 mm x 100 mm) intersections (5 mm cross and bottom wires; 6 mm side wires)
- Available in three heights 2" (50 mm), 4" (100 mm) and 6" (150 mm) and various widths in standard 10'L (3 m) sections
- UL Classified for suitability as an equipment grounding conductor only; UL File E138966
- Zinc electroplate, pre-galvanized, or black powder coat paint finish
- Complete line of accessories available



Part Number & Finish			Nominal Dims		Cable Fill Area		Shipping Weight lb (kg)
Zinc Plate	Pre-Galv	Black Paint	Height in (mm)	Width in (mm)	in ²	mm ²	
34811-504	34811-604	34811-704	2 (50)	4 (100)	8.0	5208	11 (5.0)
34811-506	34811-606	34811-706	2 (50)	6 (150)	12.1	7833	12 (5.4)
34811-508	34811-608	34811-708	2 (50)	8 (200)	16.2	10 458	14 (6.4)
34811-512	34811-612	34811-712	2 (50)	12 (300)	24.3	15 708	17 (7.7)
34811-516	34811-616	34811-716	2 (50)	16 (400)	32.5	20 953	20 (9.1)
34811-518	34811-618	34811-718	2 (50)	18 (450)	36.6	23 583	21 (9.5)
34811-520	34811-620	34811-720	2 (50)	20 (500)	40.6	26 208	23 (11.8)
34811-524	34811-624	34811-724	2 (50)	24 (600)	48.8	31 458	26 (11.8)
34821-504	34821-604	34821-704	4 (100)	4 (100)	15.7	10 168	14 (6.4)
34821-506	34821-606	34821-706	4 (100)	6 (150)	23.7	15 293	16 (7.3)
34821-508	34821-608	34821-708	4 (100)	8 (200)	31.6	20 418	18 (8.7)
34821-512	34821-612	34821-712	4 (100)	12 (300)	47.5	30 668	21 (8.5)
34821-516	34821-616	34821-716	4 (100)	16 (400)	63.5	40 918	24 (10.9)
34821-518	34821-618	34821-718	4 (100)	18 (450)	71.4	46 043	25 (11.3)
34821-520	34821-620	34821-720	4 (100)	20 (500)	79.4	51 168	27 (12.2)
34821-524	34821-624	34821-724	4 (100)	24 (600)	95.3	61 418	30 (13.6)
34831-508	34831-608	34831-708	6 (150)	8 (200)	47.0	30 378	22 (10.0)
34831-512	34831-612	34831-712	6 (150)	12 (300)	70.6	45 628	25 (11.3)
34831-516	34831-616	34831-716	6 (150)	16 (400)	94.3	60 878	28 (12.7)
34831-518	34831-618	34831-718	6 (150)	18 (450)	106.1	68 503	29 (13.2)
34831-520	34831-620	34831-720	6 (150)	20 (500)	117.9	76 128	31 (14.1)
34831-524	34831-624	34831-724	6 (150)	24 (600)	141.5	91 378	34 (15.4)

Note: Cable fill area is the internal area that can be used to store cables. Estimate maximum cable fill by dividing cable fill area by the area of the cable and multiplying by 50%. When planning initial cable fill values multiply by 25%.

Standard Splice Kit



- Use to connect sections of wire mesh cable tray together end-to-end, at intersections and turns
- Each splice kit includes three components: a stamped washer with a 1/4-20 x 3/4" L fixed screw, a contoured splice washer and a 1/4-20 flange nut
- The two halves of the splice wrap around adjacent wires on the tray connecting the tray wires together
- Clear or black zinc electroplate finish
- Sold in packs of 50

Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34738-501	34738-701	Standard Splice Kit, Pack of 50	11 (5.0)



Splice Bar

- Use with splices from the Standard Splice Kit (P/N 34738-X01) to create a more secure end-to-end connection between wire mesh cable tray sections
- Attaches to the side of the tray using three splice washers from the Splice Washer & Bolt Kit (P/N 34728-X01)
- Recommended for all trays that are 18"W (450 mm) or wider
- Manufactured from steel: .125"W x .75"H x 10.8"L (3.2 mm x 19.1 mm x 274.6 mm)
- Zinc electroplate or black powder coat paint finish
- Sold in packs of 50

Tray Height in (mm)	Tray Width - in (mm)							
	4 (100)	6 (150)	8 (200)	12 (300)	16 (400)	18 (450)	20 (500)	24 (600)
2 (50)	2	3	3	4	4	4	5	5
4 (100)	4	4	6	6	7	7	7	8
6 (150)	N/A	N/A	6	6	7	7	7	8

Note: Use two splices (one per side) on the sides of the 2 inches high (50 mm) tray and four splices (two per side) on the sides of the 4 inches (100 mm) and 6 inches high (150 mm) trays; use the rest of the splices evenly spaced on the bottom of the tray. Substitute Splice Bars (P/N 34739-X01) along the sides to create a more secure end-to-end connection. Bonding of painted trays requires metal-to-metal contact between tray wires and the splice. Remove paint where the splices contact the trays. The cable tray employing these splice methods is suitable for use as an equipment grounding conductor. See installation instructions for more details.

Tray Width in (mm)	Number of Splices Required to Form a Smooth 90° Turn (Fig 2)			
	Removed Sections	Standard Splice Kit (P/N 34738-X01)	From the Splice Bar (P/N 34739-X01)	Splice Washer & Bolt Kit (P/N 34728-X01)
4 (100)	2	1	1	2
6 (150)	3	2	1	2
8 (200)	4	3	1	2
12 (300)	6	5	1	2
16 (400)	7	6	1	2
18 (450)	8	7	1	2
20 (500)	10	9	1	2
24 (600)	11	10	1	2

Note: Standard Splice Kit, Splice Bar and Splice Washer & Bolt Kit are sold in packs of 50. Quantities listed in this table are for individual splices/bars/washers. Make one splice connection between each removed section. One connection is made using a Splice Bar and two Washers & Bolts. The Splice Bar may be cut shorter with wire cutters for a finished look. The rest of the connections use Standard Splices. Installing a ground conductor along the turn using P/N 34838-001 is required to insure bonding across removed sections. See installation instructions for more details.

Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34739-501	34739-701	Splice Bar, Pack of 50	12 (5.4)

Tray Height in (mm)	Number of Splice Bars Required to Form an End-to-End Connection (Fig 1)				
	12 (300)	16 (400)	18 (450)	20 (500)	24 (600)
2 (50)	2	2	2	2	2
4 (100)	4	4	4	4	4
6 (150)	4	4	4	4	4

Note: Use two splice bars (one per side) on the sides of the 2" inches high (50 mm) tray and four splice bars (two per side) on the sides of the 4 inches (100 mm) and 6 inches high (150 mm) trays. Each splice bar requires 3 splice washers from the Splice Washer & Bolt Kit (P/N 34739-X01). Use splices from the Standard Splice Kit (P/N 34738-X01) across bottom of tray. Bonding of painted trays requires metal-to-metal contact between tray wires, splice and splice bar. The cable tray employing these splice methods is suitable for use as an equipment grounding conductor. See installation instructions for more details.

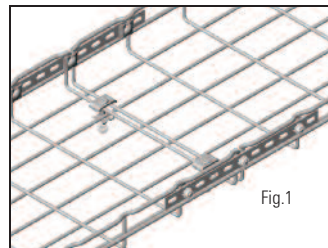


Fig.1

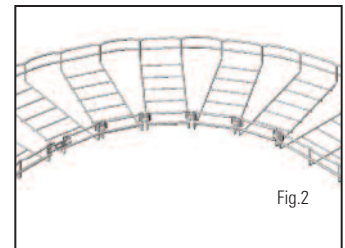


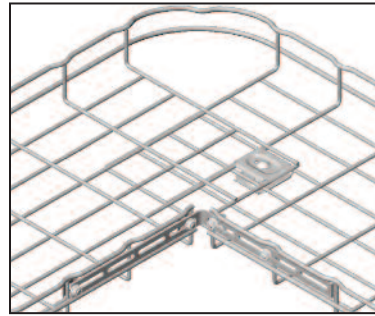
Fig.2



Splice Washer & Bolt Kit

- Use with Splice Bar (P/N 34739-X01) to connect wire mesh trays together end-to-end
- Use to secure tray to ceiling, wall and access floor supports
- Use to attach accessories to wire mesh cable tray
- Includes a contoured splice washers, 1/4-20 x 3/4" L carriage bolts and a 1/4-20 flange nuts
- Clear or black zinc electroplate finish
- Sold in packs of 50

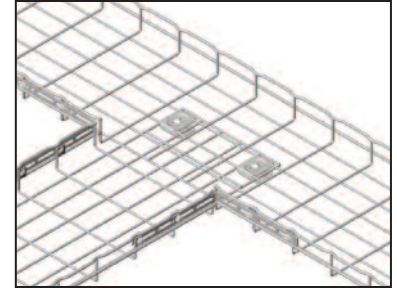
Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Zinc		
34728-501	34728-701	Splice Washer & Bolt Kit, Pack of 50	2 (0.9)



Clamp Washer

- Use to securely fasten two layers of wire mesh when connecting trays at 90° bends or intersections
- May be used to attach tray to support
- Attaches to the tray using a 1/4-20 x 3/4" L carriage bolt and flange nut from the Carriage Bolt Hardware Kit (P/N 34728-X02)
- Zinc electroplate or black powder coat paint finish
- Sold in packs of 25

Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34746-501	34746-701	Clamp Washer, Pack of 25	2 (0.9)



Carriage Bolt Hardware Kit

- Use with Clamp Washer to connect wire mesh trays together
- Includes 1/4-20 x 3/4" L carriage bolts and 1/4-20 flange nut
- Zinc or black electroplate finish
- Sold in packs of 50

Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Zinc		
34728-502	34728-702	Carriage Bolt Hardware Kit, Pack of 50	2 (0.9)



90° Splice Bar Kit

- Use to create a secure 90° T- or L-shaped intersection between two wire mesh cable tray sections
- Kit includes all hardware needed to make one 90° T-shaped or two L-shaped intersections (two 90° Splice Bars, eight contoured splice washers, four Clamp Washers and ten 1/4-20 x 3/4" L carriage bolts and 1/4-20 flange nuts)
- 90° splice bars are manufactured from steel; .125"W x .75"H x 8.38"L (3.2 mm x 19.1 mm x 212.7 mm)
- Zinc electroplate or black powder coat paint finish; hardware is zinc plated
- Sold individually

Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34740-501	34740-701	90° Splice Bar Kit	2 (0.9)

OnTrac Wire Mesh Cable Tray System Supports

OnTrac can be supported from the floor, ceiling, wall or the tops of racks and cabinets. Several styles of supports are available as shown on the following pages.

The spacing between supports (span) affects the amount of weight the tray can support. Closer supports allow the tray to support more weight which means more (or heavier) cable. The table below shows the relationship between support spacing and allowable load for various spans and sizes of cable tray. The weight of the cable supported by the tray must be equal to or less than the stated limits in the table.

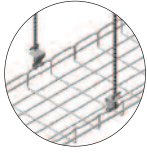
Part Number	Nominal Dimensions		Maximum Load (lb/ft) Per Support Span				
	Height - in (mm)	Width - in (mm)	4'	5'	6'	7'	8'
34811-X04	2 (50)	4 (100)	57	46	38	33	29
34811-X06	2 (50)	6 (150)	84	67	56	48	42
34811-X08	2 (50)	8 (200)	73	58	49	42	36
34811-X12	2 (50)	12 (300)	67	54	45	38	34
34811-X16	2 (50)	16 (400)	101	81	67	58	50
34811-X18	2 (50)	18 (450)	92	74	62	53	46
34811-X20	2 (50)	20 (500)	84	67	56	48	42
34811-X24	2 (50)	24 (600)	101	81	67	58	50
34821-X04	4 (100)	4 (100)	122	97	81	70	61
34821-X06	4 (100)	6 (150)	64	52	43	37	32
34821-X08	4 (100)	8 (200)	91	73	61	52	46
34821-X12	4 (100)	12 (300)	108	86	72	62	54
34821-X16	4 (100)	16 (400)	111	88	74	63	55
34821-X18	4 (100)	18 (450)	109	87	73	62	55
34821-X20	4 (100)	20 (500)	119	95	79	68	60
34821-X24	4 (100)	24 (600)	137	110	91	78	69
34831-X08	6 (150)	8 (200)	98	78	65	56	49
34831-X12	6 (150)	12 (300)	133	106	89	76	67
34831-X16	6 (150)	16 (400)	160	128	106	91	80
34831-X18	6 (150)	18 (450)	140	112	93	80	70
34831-X20	6 (150)	20 (500)	158	127	105	90	79
34831-X24	6 (150)	24 (600)	136	109	91	78	68

Notes: Maximum Load Per Support Span values apply to both zinc plated (-5XX), pre-galvanized (-6XX) and black painted (-7XX) cable trays. Maximum load per support span is stated in pounds/foot. The combined weight of the cable in the tray must not exceed this value. Multiply the stated value (lb/ft) by 1.49 to convert to metric (kg/m).



Edge Hanger

- Use in pairs to support wire mesh cable tray from the ceiling using threaded rod
- Installation requires a single 3/8" or 1/4" threaded rod, two hex nuts, one or two flat washers, one split lock washer and an appropriate anchor/ceiling clamp (ordered separately)
- The side of the tray is supported in the two J-shaped hooks at the bottom of the hanger; use pliers to close hooks and secure tray once cable has been loaded
- Use in pairs to support a single cable tray
- Manufactured from steel; 2.9"H x 1.5"W x 1.2"D (72.6 mm x 38.1 mm x 31.4 mm)
- Zinc electroplate or black powder coat paint finish
- Sold in packs of 50

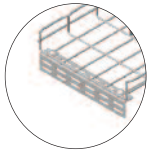


Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34731-501	34731-701	Edge Hanger, Pack of 50	7 (3.2)



Wall-Mount Angle

- Use to support the end of wire mesh cable tray against the wall
- Installation requires two 1/4" lag bolts and two flat washers for plywood backer boards or two 1/4" hex cap bolts, two flat washers and two appropriate anchors for concrete walls (ordered separately)
- Tray attaches to the Wall-Mount Angle with two splice washers from the Splice Washer & Bolt Kit (P/N 34728-X01)
- Manufactured from steel; 2.0"H x 1.25"D (50.8 mm x 31.8 mm), length varies
- Zinc electroplate or black powder coat paint finish
- Sold individually

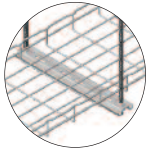


Part Number & Finish		Description Width in - (mm)	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34735-504	34735-704	For 4 (100) Tray	1 (0.5)
34735-508	34735-708	For 8 (200) Tray	1 (0.5)
34735-512	34735-712	For 12 (300) Tray	1 (0.5)
34735-516	34735-716	For 16 (400) Tray	1 (0.5)
34735-520	34735-720	For 20 (500) Tray	2 (0.9)
34735-524	34735-724	For 24 (600) Tray	2 (0.9)



Trapeze Support Bracket

- Use to support wire mesh cable tray from the ceiling using a pair of threaded rods
- Installation requires a pair of 5/8", 1/2", 3/8" or 1/4" threaded rods, four hex nuts, two or four flat washers, two split lock washers and two appropriate anchors/ceiling clamps (order separately)
- Tray attaches to the Trapeze Support Bracket with two splice washers from the Splice Washer & Bolt Kit (P/N 34728-X01)
- Can be used to support multiple trays of varying widths; the combined width of multiple trays must not exceed the width of the tray stated in the order table below
- Manufactured from steel; .5"H x 2.4"W (12.7 mm x 61 mm); length varies
- Zinc electroplate or black powder coat paint finish
- Sold individually

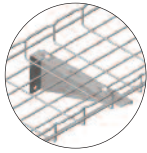


Part Number & Finish		Description Width in - (mm)	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34730-512	34730-712	For 12 (300) Tray	2 (0.9)
34730-516	34730-716	For 16 (400) Tray	2 (0.9)
34730-520	34730-720	For 20 (500) Tray	3 (1.4)
34730-524	34730-724	For 24 (600) Tray	3 (1.4)



Triangle Support Bracket

- Use to support a wire mesh cable tray pathway along a wall
- Installation requires two 3/8" lag bolts and two flat washers for plywood backer boards or two 1/4" hex cap bolts, two flat washers and two appropriate anchors for concrete walls (ordered separately)
- Tray attaches to the Triangle Support Bracket with two splice washers from the Splice Washer & Bolt Kit (P/N 34728-X01) or use the fold-over tab at the end of the bracket to secure the tray
- Manufactured from steel; 1.6"W (41.3 mm), height and length vary
- Zinc electroplate or black epoxy polyester powder coat paint finish
- Sold individually

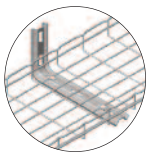


Part Number & Finish		Description Width in - (mm)	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34733-504	34733-704	For 4 (100) Tray	1 (0.5)
34733-508	34733-708	For 8 (200) Tray	1 (0.5)
34733-512	34733-712	For 12 (300) Tray	2 (0.9)
34733-516	34733-716	For 16 (400) Tray	3 (1.4)
34733-520	34733-720	For 20 (500) Tray	3 (1.4)
34733-524	34733-724	For 24 (600) Tray	4 (1.8)



L Support Bracket

- Use to support a wire mesh cable tray pathway along a wall or under a floor
- Installation requires two 3/8" lag bolts and two flat washers for plywood backer boards or two 1/4" hex cap bolts, two flat washers and two appropriate anchors for concrete walls (ordered separately)
- Use the 16"W (400 mm) or smaller version to support cable tray from an access floor pedestal; attach to the pedestal with a single Pedestal Clamp Bracket Kit (P/N 34737-X01); floor height must be at least 12" (300 mm)
- Tray attaches to the L Support Bracket with two splice washers from the Splice Washer & Bolt Kit (P/N 34728-X01) or use the fold-over tab at the end of the bracket to secure the tray
- Can be used to support multiple trays of varying widths; the combined width of multiple trays must not exceed the width of the tray stated in the order table below
- Manufactured from steel; 6"H x 2.4"W (152 mm x 61 mm), length varies
- Zinc electroplate or black powder coat paint finish
- Sold individually

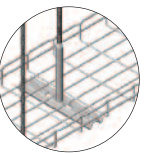


Part Number & Finish		Description Width in - (mm)	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34734-504	34734-704	For 4 (100) Tray	1 (0.5)
34734-508	34734-708	For 8 (200) Tray	2 (0.9)
34734-512	34734-712	For 12 (300) Tray	2 (0.9)
34734-516	34734-716	For 16 (400) Tray	3 (1.4)
34734-520	34734-720	For 20 (500) Tray	3 (1.4)
34734-524	34734-724	For 24 (600) Tray	4 (1.8)

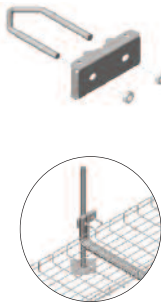


Center Support Bracket

- Use to support wire mesh cable tray from the ceiling with a single 5/8" threaded rod
- Tray attaches to the Center Support Bracket with two splice washers from the Splice Washer & Bolt Kit (P/N 34728-X01) or use fold-over tabs to secure the tray on all sizes except the 4"W (100 mm) version
- Used to support a single cable tray
- Manufactured from steel; 7.5"H x 2.4"W (190.5 mm x 61 mm), length varies
- Zinc electroplate or black powder coat paint finish
- Sold individually



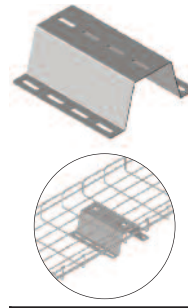
Part Number & Finish		Description Width in - (mm)	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34729-504	34729-704	For 4 (100) Tray	1 (0.5)
34729-508	34729-708	For 8 (200) Tray	1 (0.5)
34729-512	34729-712	For 12 (300) Tray	2 (0.9)
34729-516	34729-716	For 16 (400) Tray	2 (0.9)
34729-520	34729-720	For 20 (500) Tray	2 (0.9)
34729-524	34729-724	For 24 (600) Tray	3 (1.4)



Pedestal Clamp Bracket

- Use with the L Support Bracket to support wire mesh cable tray from access floor pedestals under an access floor
- Use one Pedestal Clamp Bracket Kit to attach a 16"W (400 mm) or smaller L Support Bracket to an access floor pedestal; floor height must be at least 12" (300 mm)
- Pedestal Clamp Bracket Kit attaches to 1" to 2" round and square pedestals (1-1/2" max when diagonally oriented on square pedestals); includes a 3/8-16 x 4.9"L (125 mm) V-Bolt and installation hardware
- Manufactured from steel; bracket is 2.0"H x 4.8"W x 1.0"D (50.8 mm x 123.8 mm x 25.4 mm)
- Bracket has a zinc electroplate or black powder coat paint finish; V-bolt and installation hardware has a zinc finish
- Sold individually

Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34737-501	34737-701	Pedestal Clamp Bracket	1 (0.5)

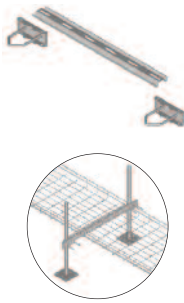


Under Floor Support

- Use to support wire mesh cable tray from the floor under an access floor
- Attaches to the floor with 1/4" hardware or adhesive
- Tray attaches to the Under Floor Support with a splice washer from the Splice Washer & Bolt Kit (P/N 34728-X01)
- Under Floor Supports can be used in pairs to support wider trays
- Manufactured from steel; width, height and depth vary – see the order table below
- Zinc electroplate or black powder coat paint finish
- Sold individually

Part Number & Finish		Dimensions			Shipping Weight lb (kg)
Zinc Plate	Black Paint	Height- in (mm)	Width - in (mm)	Depth - in (mm)	
34736-543	34736-743	3 (75)	4 (100)	7 (180)	1 (0.5)
34736-546	34736-746	6 (150)	4 (100)	8.6 (218)	2 (0.9)
34736-583	34736-783	3 (75)	8 (200)	7 (180)	2 (0.9)
34736-586	34736-786	6 (150)	8 (200)	8.6 (218)	3 (1.4)
34736-589	34736-789	9 (225)	8 (200)	10.2 (260)	4 (1.8)

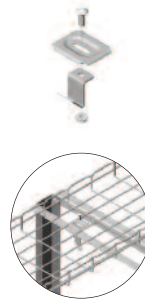
Note: The height of the raised floor must be more than the combined height of the Under Floor Support and the tray.



Pedestal Clamp Support Kit

- Use to support wire mesh cable tray from adjacent access floor pedestals
- Kit includes two Pedestal Clamp Brackets, a 21.5"W (546 mm) tray support bracket, and 1/4" installation hardware
- Tray attaches to the tray support bracket with two splice washers from the Splice Washer & Bolt Kit (P/N 34728-X01)
- Can be used to support multiple trays of varying widths with a combined width up to 20"W
- Tray support bracket is manufactured from steel; .5"H x 2.4"W x 21.5"L (12.7 mm x 61 mm x 546 mm)
- Brackets have a zinc electroplate or black powder coat paint finish; V-bolt and installation hardware has a zinc finish
- Sold individually

Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34737-502	34737-702	Pedestal Clamp Support Kit	4 (1.8)



Rack-Mount Hook

- Use to attach wire mesh cable tray to the top of a two-post or four-post CPI Rack System
- Includes a Clamp Washer with a hook that attaches to the L-shaped top angle on CPI Rack Systems
- Attach tray to the top of the rack in the parallel (side-to-side) or perpendicular (front-to-back) orientation; parallel alignment may not be centered over the rack
- Hook is manufactured from steel; 1.3"H x 1"W x 1.5"D (34 mm x 25 mm x 38 mm)
- Black powder coat paint finish; installation hardware has a black zinc finish
- Sold in packs of 4

Part Number	Description	Shipping Weight lb (kg)
34732-701	Rack-Mount Hook, Pack of 4	1 (0.5)

OnTrac Wire Mesh Cable Tray System Accessories

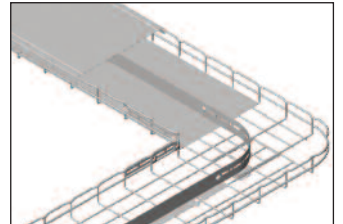
Several cable management accessories are available for OnTrac. Use radius drops to support cables as they exit and enter the cable pathway and covers to protect cables. The pathway can be divided to separate cables by type or zone and labeled for easy identification. Attach a ground wire to bond trays together and junction boxes to locate network or power connections along the side of the tray.



Cable Tray Bottom Insert

- Use to cover the bottom of a section of wire mesh cable tray to protect or hide cables
- Hemmed sides and angled corners make it easy to align and connect tray inserts
- Attaches to the tray with included hardware (two contoured splice washers, 1/4-20 x 3/4"L carriage bolts and flange nuts)
- Can be used with Cable Tray Dividers (P/N 34743-50X), but divider must attach near the centerline of the tray through the slots used to secure the bottom insert to the tray
- Manufactured from .03"(.8 mm) thick steel; includes three 40"L (1020 mm) pieces with hemmed edges to cover a single 10'L (3 m) section of wire mesh tray
- Plain galvanized finish (cannot be painted)
- Sold as three-piece kit; one kit covers a single 10'L (3 m) section of wire mesh cable tray

Part Number	Description Width in - (mm)	Shipping Weight lb (kg)
34745-504	For 4 (100) Tray	4 (1.8)
34745-506	For 6 (150) Tray	6 (2.7)
34745-508	For 8 (200) Tray	8 (3.6)
34745-512	For 12 (300) Tray	11 (5.0)
34745-516	For 16 (400) Tray	14 (6.4)
34745-518	For 18 (450) Tray	16 (7.3)
34745-520	For 20 (500) Tray	18 (8.2)
34745-524	For 24 (600) Tray	21 (9.5)



Cable Tray Covers

- Use to cover the top of a section of wire mesh cable tray to protect or hide cables
- Hemmed edges protect the installer
- Attaches to the tray with fold-over tabs formed along the edge of the cover; bend the tabs over the top wire on the tray using a flat edge screwdriver
- Manufactured from .03"(.8 mm) thick steel; includes three 39.4"L (1000 mm) pieces to cover a single 10'L (3 m) section of wire mesh tray
- Plain galvanized finish (cannot be painted)
- Sold as three-piece kit; one kit covers a single 10'L (3 m) section of wire mesh cable tray



Part Number	Description Width in - (mm)	Shipping Weight lb (kg)
34744-504	For 4 (100) Tray	2 (0.9)
34744-506	For 6 (150) Tray	3 (1.4)
34744-508	For 8 (200) Tray	3 (1.4)
34744-512	For 12 (300) Tray	5 (2.3)
34744-516	For 16 (400) Tray	6 (2.7)
34744-518	For 18 (450) Tray	6 (2.7)
34744-520	For 20 (500) Tray	7 (3.2)
34744-524	For 24 (600) Tray	8 (3.6)

ACCESSORIES



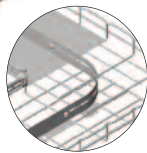
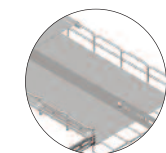
Cable Tray Divider

- Use to divide the internal area of a section of wire mesh cable tray to organize cables by type or zone
- Hemmed top edge protects cables
- Attaches to the bottom of the tray with included hardware (two contoured splice washers, 1/4-20 x 3/4" L carriage bolts and flange nuts); can be used with Cable Tray Covers (P/N 34744-5XX)
- Manufactured from .03" (.8 mm) thick steel; includes three 39.4" L (1000 mm) pieces to cover a single 10' L (3 m) section of wire mesh tray
- Plain galvanized finish (cannot be painted)
- Sold as three-piece kit; one kit covers a single 10' L (3 m) section of wire mesh cable tray



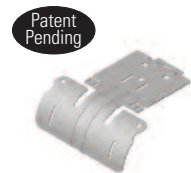
Horizontal Bend Radius

- Use to connect Cable Tray Dividers at intersections between two tray sections
- Use to soften the inside radius of a sharp 90° bend or to create a protective barrier on an outside radius
- Attaches to the ends of two Cable Tray Dividers or the side of the tray with included hardware (two contoured splice washers, 1/4-20 x 3/4" L carriage bolts and flange nuts)
- Manufactured from .048" (1.2 mm) thick steel; standard length is 18" (457 mm)
- Zinc electroplate or black powder coat paint finish
- Sold individually



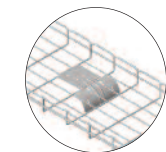
Part Number	Description Width in - (mm)		Shipping Weight lb (kg)
	Zinc Plate	Black Paint	
34743-502		For 2 (50) Tray	3 (1.4)
34743-504		For 4 (100) Tray	5 (2.3)
34743-506		For 6 (150) Tray	7 (3.2)

Part Number & Finish		Description Width in - (mm)	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34742-502	34742-702	For 2 (50) Tray	1 (0.5)
34742-504	34742-704	For 4 (100) Tray	1 (0.5)
34742-506	34742-706	For 6 (150) Tray	2 (0.9)



Tool-Less Radius Drop

- Use to properly support cables as they exit or enter cable tray pathways
- Provides a wide radius featuring tool-less attachment that requires no cutting of the tray during installation
- Secures cables through slots in the radius drop with cable straps or ties
- Attaches to the bottom of the tray with two bendable tabs that lock the radius drop in place
- Can also be attached to the bottom of the tray with a splice washer from the Splice Washer & Bolt Kit (P/N 34728-X01)
- Manufactured from .048" (1.2 mm) thick steel; mounting surface is .24" H x 3.7" W x 3.7" D (6.2mm x 94 mm x 94 mm); curved surface is 5.9" W (150 mm) with a 2" (50 mm) radius
- Zinc electroplate or black powder coat paint finish
- Sold individually

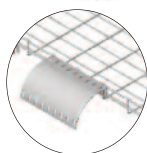


Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34741-501	34741-701	Tool-Less Radius Drop	1 (0.5)

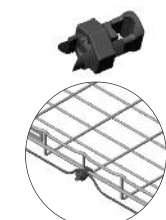


Large Radius Drop

- Use to properly support cables as the cables exit or enter cable tray pathways
- Secures cables through slots in the radius drop with cable straps or ties
- Attaches to the bottom or side of the tray with two splice washers from the Splice Washer & Bolt Kit (P/N 34728-X01)
- Manufactured from .048" (1.2 mm) thick steel; 3.2" H x 8.75" W x 5" D (83.3 mm x 222 mm x 128 mm); curved surface is 8.75" W (222 mm) with a 3.5" (89 mm) radius
- Zinc electroplate or black powder coat paint finish
- Sold individually



Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34747-501	34747-701	Large Radius Drop	1 (0.5)



Split Bolt Grounding Clamp

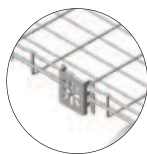
- Use to attach a ground conductor to wire mesh cable tray
- Split bolt attaches over the wires that form the tray
- Slot accommodates #6 AWG wire; remove paint from tray for ground contact
- Manufactured from bronze alloy and copper; 1.5" L (38 mm)
- Sold in packs of ten

Part Number	Description		Shipping Weight lb (kg)
	Zinc Plate	Black Paint	
34838-001		Split Bolt Grounding Clamp, Pack of 10	1 (0.5)



Power Box Bracket

- Use to attach a two-gang duplex junction box or other items to the side of wire mesh cable tray
- Use to attach cable tray to the floor
- Use to attach 4" W (100mm) cable tray to the wall
- Attaches to the bottom or side of the tray with fold-over tabs formed along the sides of the bracket; bend the tabs over the wires on the side or bottom of the tray using pliers
- Manufactured from .06" (1.5 mm) thick steel; 3" H x 3.5" W x .78" D (76 mm x 89 mm x 20 mm)
- Zinc electroplate or black powder coat paint finish
- Sold individually



Part Number & Finish		Description	Shipping Weight lb (kg)
Zinc Plate	Black Paint		
34748-501	34748-701	Power Box Bracket	1 (0.5)



Cable Tray Cutting Tool

- Use to cut wire mesh cable tray to fit and form pieces to match pathway requirements
- Angled cutter head allows clear view from handle set
- Powder coat paint finish
- Sold individually

Part Number	Description	Shipping Weight lb (kg)
34839-001	Cable Tray Cutting Tool	6 (2.7)



Label Holder

- Use to label a section of wire mesh cable tray to identify the pathway or a drop location
- Attaches to the side of the tray; hangs over the top of the tray and snaps into place
- Manufactured from rigid PVC; 1.8" H x 8.5" W x .61" D (46 mm x 216 mm x 15.5 mm)
- Meets UL 94V-0 flammability rating (can be used in plenum spaces)
- Clear plastic
- Sold in packs of 10

Part Number	Description	Shipping Weight lb (kg)
34749-001	Label Holder, Pack of 10	1 (0.5)

