RACKS AND CABLE MANAGEMENT

E Series Horizontal Wire Managers

HellermannTyton's enhanced horizontal wire managers protect cable and maintain its integrity on a standard 19″ rack. The high quality, injection molded wire managers possess a one-inch minimum radius, which guards against extensive bending of the cables and increases transmission reliability. Using the enhanced horizontal wire managers makes installing and rework faster and easier. Snap-on, injection-molded covers hinge down for easy access to patch cords in front of the rack during moves, adds, and changes (MAC's). HellermannTyton's enhanced horizontal wire manager's aesthetic design includes a clean look with textured covers, preventing fingerprints.

• The smooth edges and the wide spacing allow for easy
  routing of cable bundles.
• Mounting holes and slots on the sides of the
  management system permit easier alignment on the
  rack and faster installation.
• The sloped design in the rear maintains room for cable bundles
  and ensures easy access to patch panels.
• The horizontal rear cable manager's depth is increased, enabling
  cables to be routed more easily from vertical managers.
• Wire retention tabs are designed into the enhanced horizontal
  wire managers to help keep cables inside the manager.
• The wire manager's material is UL94V-0 rated for flammability.
• New latch makes for easier opening.

Product Selection

Article No.	Part No.	Type	Description	Front Dimensions Width	Front Dimensions Depth	Rear Dimensions Width	Rear Dimensions Depth	Rack Units	Pkg. Qty.	Shipping Weight
One Rack Unit Managers										
854-09268	EHWMN1	EHWM	Single-Sided Horizontal Wire Manager	1.75″	3″	-	-	1U	1	1 lbs.
854-09269	EHWMN2	EHWM	Dual-Sided Horizontal Wire Manager	1.75″	3″	1.75″	6″	1U	1	2 lbs.
Two Rack Unit Managers										
854-09270	EHWM1	EHWM	Single-Sided Horizontal Wire Manager	3.5″	3″	-	-	2U	1	1.75 lbs.
854-09271	EHWM2	EHWM	Dual-Sided Horizontal Wire Manager	3.5″	3″	3.5″	6″	2U	1	2.16 lbs.

Use **Part No.** for ordering and **Type** for specification purposes.

Wire Management Brackets

HellermannTyton provides the most adaptable and systematic approach for cable management on relay racks. Offering a complete line of versatile products, these brackets and panels protect, route, and organize UTP, ScTP, coax and fiber optic cables and make it easy to perform moves or changes. For a completely enclosed appearance, HellermannTyton offers the horizontal and vertical wire management brackets. This design provides organization while keeping cables hidden. The covers are easily removed and reattached providing quick and easy access to both the front and back of a rack. To prevent misplacement of covers, the brackets are also available with a hinged cover allowing easy open and close without entire cover removal. Ideal for high density installations, the black wire management brackets feature smooth-edged slotted fingers allowing cable to be pulled through at any location. The slotted fingers are scored, enabling them to break off if larger openings are required. Numerous sizes are available in both horizontal and vertical configurations. All wire management brackets are packaged with 12-24 mounting screws.

Wire management brackets can be customized with corporate logos. Contact HellermannTyton for more information.

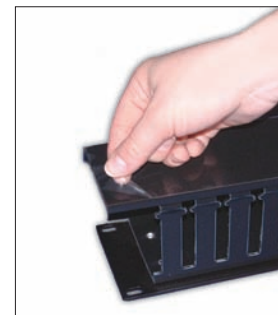## Horizonal Wire Management Brackets

Designed to provide cable management horizontally on the front and back of a rack, the black WMB series include several variations and sizes. The single-sided bracket provides a channel for only the front or the back on a relay rack and the dual-sided bracket provides a channel for both the front and back on a relay rack. The two styles are offered for one, two, and three rack spaces. The two rack space wire manager has pass through holes in the frame for better management of cables and front to back cabling. All are equipped with extended length covers to keep excess cable hidden.

HellermannTyton's wire managers also feature an easily removable plastic film on the cover to eliminate scratches during shipment. This plastic film ensures a neat appearance and improves rack aesthetics when the wire managers are installed, an important consideration to installers and end-users.

All designs of wire management brackets perform with the wire management bracket hinge. This hinge allows the cover to remain with the bracket. It easily snaps onto the cover and the channel. Once assembled, the hinge permits the cover to be opened down and act as a "shelf" for easy cable organization. The hinge is available separately or preassembled on the wire management bracket and cover.

Wire Management Bracket Hinges

Plastic film to protect cover provided

Horizontal Wire Management

Product Selection

Article No.	Part No.	Type	Description	Front Dimensions		Rear Dimensions		Rack Units	Pkg. Qty.	Shipping Weight
				Width	Depth	Width	Depth			
One Rack Unit Managers										
854-09253	**WMBN1**	WMBN1	Single-Sided Horizontal Wire Manager	1.5″	2″	-	-	1U	1	1.0 lbs.
854-09256	**WMBP1**	WMBP1	Single-Sided Horizontal Wire Manager	1.5″	3″	-	-	1U	1	2.0 lbs.
854-09254	**WMBN2**	WMBN2	Dual-Sided Horizontal Wire Manager	1.5″	2″	1.5″	4″	1U	1	1.75 lbs.
854-09258	**WMBP2**	WMBP2	Dual-Sided Horizontal Wire Manager	1.5″	3″	1.5″	4″	1U	1	2.16 lbs.
Two Rack Unit Managers										
854-09232	**WMB1**	WMB1	Single-Sided Horizontal Wire Manager	3″	3″	-	-	2U	1	1.75 lbs.
854-09233	**WMB1H**	WMB1H*	Single-Sided Horizontal Wire Manager with Hinged Cover	3″	3″	-	-	2U	1	1.75 lbs.
854-09236	**WMB2**	WMB2	Dual-Sided Horizontal Wire Manager	3″	3″	2″	4″	2U	1	2.75 lbs.
854-09240	**WMB2H**	WMB2H*	Dual-Sided Horizontal Wire Manager with Hinged Cover	3″	3″	2″	4″	2U	1	2.75 lbs.
854-09237	**WMB2B**	WMB2B	Dual-Sided Horizontal Wire Manager	3″	3″	3″	5″	2U	1	3 lbs.
854-09238	**WMB2BH**	WMB2BH*	Dual-Sided Horizontal Wire Manager with Hinged Cover	3″	3″	3″	5″	2U	1	3 lbs.
Three Rack Unit Managers										
854-09243	**WMB31**	WMB31	Single-Sided Horizontal Wire Manager	4″	5″	-	-	3U	1	2 lbs.
854-09244	**WMB31H**	WMB31H*	Single-Sided Horizontal Wire Manager with Hinged Cover	4″	5″	-	-	3U	1	2 lbs.
854-09245	**WMB32**	WMB32	Dual-Sided Horizontal Wire Manager	4″	5″	4″	5″	3U	1	4 lbs.
854-09246	**WMB32H**	WMB32H*	Dual-Sided Horizontal Wire Manager with Hinged Cover	4″	5″	4″	5″	3U	1	4 lbs.

Use **Part No.** for ordering and **Type** for specification purposes. Wire managers with hinged covers ship with two hinges. *Not pictured.
Replacement/extra covers and hinges are listed after the vertical wire management brackets.

WMBN1

WMBP1

WMBN2

WMBP2

WMB1H

WMB2

WMB2B

WMB31

WMB32

Vertical Wire Management

The vertical wire managers are also available in single and dual-sided styles. They can be mounted on the side of the relay rack as well as between two adjacent racks. Equipped with feed-through holes to move cable from back to front and vice versa, the black vertical wire management brackets are offered in 35″ lengths and 83″ lengths. The VWMC4X4X5BK7 and VWMS4X4X5BK7 have 4″ x 5″ duct on the front and 4″ x 4″ duct on the back.

In case of lost covers, HellermannTyton offers replacement covers for the vertical wire management brackets. HellermannTyton's wire managers also feature an easily removable plastic film on the cover to eliminate scratches during shipment. This plastic film ensures a neat appearance and improves rack aesthetics when the wire managers are installed, an important consideration to installers and end-users.

Plastic film to protect cover provided

Wire Management Hinges

HellermannTyton also offers replacement/extra hinges for the wire management brackets. All designs of wire management brackets perform with the wire management bracket hinge. This hinge allows the cover to remain with the manager. It easily snaps onto the cover and the channel. Once assembled, the hinge permits the cover to open like a door, protecting the wire and cable.
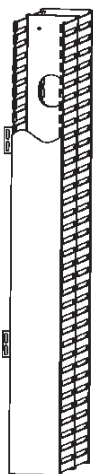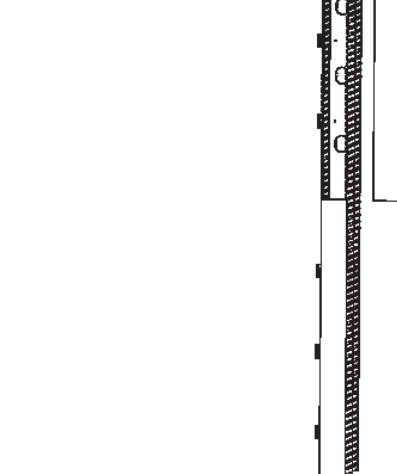
Wire Management Bracket Hinges

Vertical Wire Management

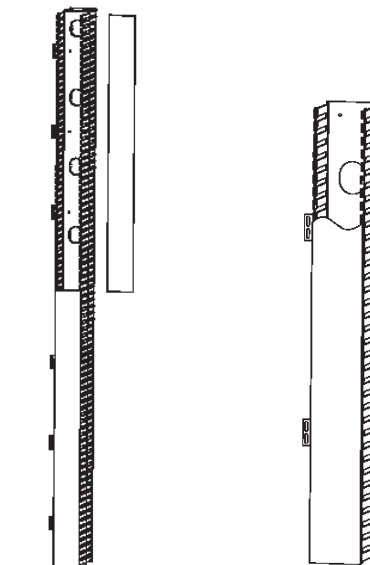|				Front Dimensions		Rear Dimensions				Shipping
Article No.	Part No.	Type	Description	Width	Depth	Width	Depth	Height	Pkg. Qty.	Weight (lbs)
Side Mount - Dual-sided, Front and Back Management										
854-09216	**VWMDS4X5BK**	VWMDS4X5	Dual-Sided, Side Mount Wire Manager	4"	5"	4"	5"	35"	1	7
854-09220	**VWMDS4X5BKH✱**	VWMDS4X5H	Dual-Sided, Side Mount Wire Manage with Hinged Covers	4"	5"	4"	5"	35"	1	7
854-09217	**VWMDS4X5BK7**	VWMDS4X57	Dual-Sided, Side Mount Wire Manager	4"	5"	4"	5"	83"	1	16
854-09218	**VWMDS4X5BK7H✱**	VWMDS4X57H	Dual-Sided, Side Mount Wire Manage with Hinged Covers	4"	5"	4"	5"	83"	1	16
854-09224	**VWMS4X4X5BK7**	VWMS4X4X57	Dual-Sided, Side Mount Wire Manager	4"	5"	4"	4"	83"	1	16
Side Mount - Single-sided, Front Only Management										
854-09227	**VWMSS4X5BK**	VWMSS4X5	Single-Sided, Side Mount Wire Manager	4"	5"	-	-	35"	1	3.5
854-09230	**VWMSS4X5BKH✱**	VWMDS4X5H	Single-Sided, Side Mount Wire Manager with Hinged Covers	4"	5"	-	-	35"	1	3.5
854-09228	**VWMSS4X5BK7**	VWMDS4X57	Single-Sided, Side Mount Wire Manager with Hinged Covers	4"	5"	-	-	83"	1	9
854-09229	**VWMSS4X5BK7H✱**	VWMSS4X57H	Single-Sided, Side Mount Wire Manager with Hinged Covers	4"	5"	-	-	83"	1	9

Use **Part No.** for ordering and **Type** for specification purposes. *No drawing pictured

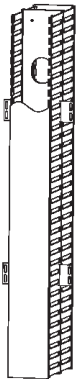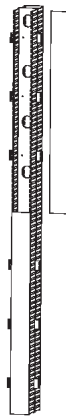| VWMDS4X5BK | VWMDS4X5BK7 | VWMS4X4X5BK7 | VWMSS4X5BK | VWMSS4X5BK7 |

Vertical Wire Management

Product Selection

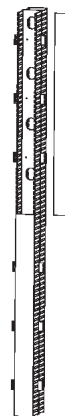| Article No.	Part No.	Type	Description	Front Dimensions		Rear Dimensions		Height	Pkg. Qty.	Shipping Weight (lbs)
				Width	Depth	Width	Depth			
Center Mount - Dual-sided, Front and Back Management										
854-09212	**VWMDC4X5BK**	VWMDC4X5	Dual-Sided, Center Mount Wire Manager	4"	5"	4"	5"	35"	1	7
854-09213	**VWMDC4X5BK7**	VWMDC4X57	Dual-Sided, Center Mount Wire Manager	4"	5"	4"	5"	83"	1	16
854-09211	**VWMC4X4X5BK7**	VWMC4X4X57	Dual-Sided, Center Mount Wire Manager	4"	5"	4"	4"	83"	1	16
Center Mount - Single-sided, Front Only Management										
854-09225	**VWMSC4X5BK**	VWMSC4X5	Single-Sided, Center Mount Wire Manager	4"	5"	4"	5"	35"	1	3.5
854-09226	**VWMSC4X5BK7**	VWMSC4X57	Single-Sided, Center Mount Wire Manager	4"	5"	4"	5"	83"	1	9

Use **Part No.** for ordering and **Type** for specification purposes.

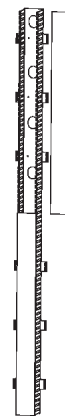

| VWMDC4X5BK | VWMDC4X5BK7 | VWMC4X4X5BK7 | VWMSC4X5BK | VWMSC4X5BK7 |

Wire Management Replacement Covers

Product Selection

Article No.	Part No.	Type	Description	Pkg. Qty.	Carton Qty.
Horizontal Manager Covers					
854-09247	**WMBC15B**	WMBC15B	Replacement Rear Cover for WMBN2 and WMBP2	1	10
854-09248	**WMBC15F**	WMBC15F	Replacement Front Cover for WMBN1 and WMBN2	1	10
854-09249	**WMBC2B**	WMBC2B	Replacement Rear Cover for WMB2	1	10
854-09250	**WMBC2F**	WMBC2F	Replacement front cover for WMB1, WMB2 & WMB2B	1	10
854-09251	**WMBC3B**	WMBC3B	Replacement Rear Cover for WMB2B	1	10
854-09252	**WMBC4B**	WMBC4B	Replacement Rear Cover for WMB32	1	10
Vertical Manager Covers					
854-09209	**VWMC18**	VWMC18	Replacement Cover for 35" Managers	1	–
854-09210	**VWMC42**	VWMC42	Replacement Cover for 83" Managers	1	–
Hinges					
854-09272	**WMBH**	WMBH	Wire Management Hinges	25	-

Use **Part No.** for ordering and **Type** for specification purposes.

Relay Racks

HellermannTyton's modular relay racks are ideal for mounting patch panels, shelves, electronic and test equipment, data and telecommunications equipment and other rack mount products in telecommunications and equipment rooms.
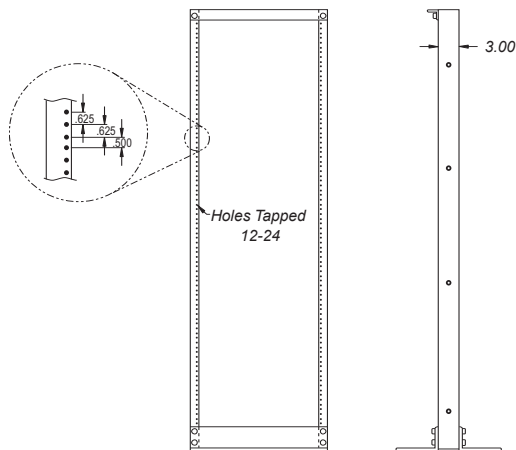
The free-standing racks are manufactured from heavy duty all-aluminum extrusions and are designed to bolt to the floor for extra stability. Assembly is easily accomplished using a standard socket or adjustable wrench and the supplied bolts.

• Standard 19" EIA rack mount widths
• Equipped with 12-24 tapped holes on front and rear flanges
• EIA universal hole spacing for a variety of mounting options
• Available in aluminum mill and black powder coat finish
• Available in 47" and 84" heights
• Pre-threaded holes in upright channels allow for easy assembly of top angles and bases
• Only 12 bolts required for assembly
• Approved per UL standard 1459 for telephone equipment
• Approved per UL standard 1863 for communications circuit accessories

Product Selection								
Article No.	Part No.	Type	Color	Height	Width	Rack Units	Pkg. Qty.	Shipping Weight
854-44290	**T4RR**	T4RR	Mill Finish	47.25"	19"	24U	1	28 lbs.
854-44291	**T4RRB**	T4RR	Black	47.25"	19"	24U	1	28 lbs.
854-44295	**T7RR**	T7RR	Mill Finish	84"	19"	45U	1	31 lbs.
854-44297	**T7RRB**	T7RR	Black	84"	19"	45U	1	31 lbs.

Use **Part No.** for ordering and **Type** for specification purposes.

.625
.625
.500

Holes Tapped
12-24

3.00

Raised Floor Enclosure

HellermannTyton's Raised Floor Enclosure serves as a distribution point for zone cabling for low voltage cabling under raised floors of 8" deep or more. This enclosure can be used with traditional patch panel applications as well as copper and fiber RapidNet solutions.

The enclosure is supported by the raised floor support brackets and uses the 2' x 2' floor tile as a cover. Designed to store and secure rack mount equipment, the enclosure is equipped with firestop foam sealing kits to seal the two openings. Fire stop blocks accommodate single or bundled cable.
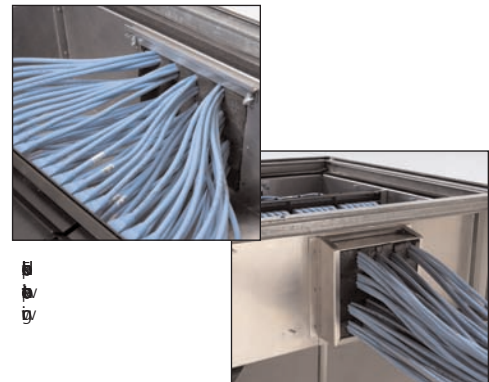
Features
• Designed to fit into 2' x 2' raised floor grids, 8" depth
• Holds two 2RU (4RU) panels
• Inside mounting brackets for 19" EIA rack mounting
• Accepts #12-24 equipment mounting screws (included
  with all HellermannTyton patch panels)
• Firestop foam kits/blocks to seal cable access ports
• Load capacity equals 85 pounds of equipment total
• Indoor use only, environmentally controlled areas
• Floor tile used for cover
• Seal provided on top flange to seal floor tile

Includes
• 4 raised floor support brackets
• 4 leveler bolts
• 2 grounding screws to outside of box

Product Selection							
Article No.	**Part No.**	**Type**	**Color**	**Depth**	**Width**	**Pkg. Qty.**	**Shipping Weight**
854-19200	**HTZB2X2**	HTZB	Mill Finish	7.94"	20.88"	1	30 lbs.

Use **Part No.** for ordering and **Type** for specification purposes.

Wall Mount Swing-out Rack

This wall mount rack swings equipment out for ease of wiring. It is equipped with quick-release hinges allowing the rack to be opened from either the right or the left. The rack features standard 19" EIA rack mount widths, equipped with 12-24 tapped holes on front and rear flanges.

Product Selection

Article No.	Part No.	Type	Color	Height	Width	Depth	Rack Units	Pkg. Qty.	Shipping Weight
854-44288	**T24PPR**	T24PPR	Black	24"	20.75"	18"	12U	1	35 lbs.

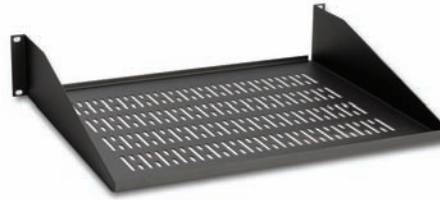Use **Part No.** for ordering and **Type** for specification purposes.

Shelves

HellermannTyton offers two styles of solid and vented equipment shelves for mounting telecommunications devices in a 19″ rack or cabinet. The cantilevered shelf mounts to the front or rear of the rack's mounting rails. Both the center weight and the cantilevered shelf are manufactured from 16 gauge steel and they come with 10-32 and 12-24 mounting hardware. The cantilevered shelf is rated for 50 pound capacity and the center weight is rated for 75 pound capacity.

Product Selection

Article No.	Part No.	Type	Description	Color	Height	Width	Depth	Pkg. Qty.	Shipping Weight
854-44285	**T19X195CW**	T19X195CW	Solid Center Weight Equipment Shelf	Black	3.44″	19″	19″	1	9 lbs.
854-44286	**T19X195CWV**	T19X195CWV	Vented Center Weight Equipment Shelf	Black	3.44″	19″	19″	1	8.3 lbs.
854-44283	**T19X145**	T19X145	Solid Cantilevered Equipment Shelf	Black	3.44″	19″	14″	1	7 lbs.
854-44284	**T19X145V**	T19X145V	Vented Cantilevered Equipment Shelf	Black	3.44″	19″	14″	1	6.1 lbs.

Use **Part No.** for ordering and **Type** for specification purposes.

T19X145

T19X145V

T19X195CW

T19X195CWV

Power Strips

Available in a 6 or 10 outlet format, these 19″ powerstrips can be mounted directly onto the relay rack. All powerstrips meet UL Standard 1363 and 1449. The 10 outlet powerstrip is equipped with or without surge protection. The Powerstrip-10S has a surge suppression level of 330V with a clamping response time of less than 5 nanoseconds. All powerstrips are equipped with a 10 foot power cord.

Product Selection

Article No.	Part No.	Type	Description	Color	Height	Width	Pkg. Qty.
854-44307	**POWERSTRIP-6**	POWERSTRIP-6	Rack Mount Powerstrip - 6 Outlet	Black	1.719″	19″	1
854-44305	**POWERSTRIP-10**	POWERSTRIP-10	Rack Mount Powerstrip - 10 Outlet	Black	1.719″	19″	1
854-44306	**POWERSTRIP-10S**	POWERSTRIP-10S	Rack Mount Powerstrip - 10 Outlet w/ Surge Protection	Black	1.719″	19″	1

Use **Part No.** for ordering and **Type** for specification purposes.

Blank Rack Panels

HellermannTyton's blank rack panels provide filler for unused rack spaces. Available in three sizes, they aesthetically reserve rack space for future use.

Product Selection

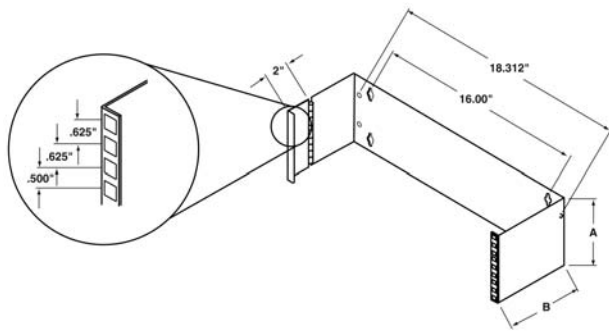| Article No.	Part No.	Type	Color	Height	Width	Rack Units	Pkg. Qty.
854-44299	**TBP1**	TBP1	Black	1.75″	19″	1U	1
854-44300	**TBP2**	TBP2	Black	3.5″	19″	2U	1
854-44301	**TBP3**	TBP3	Black	5.25″	19″	3U	1

Use **Part No.** for ordering and **Type** for specification purposes.

Wall Mount Patch Panel Bracket

HellermannTyton offers wall mount patch panel brackets for smaller cabling installations. The wall mount brackets aid in conserving valuable floor space within the telecommunications room.

Designed for 19″ patch panels, these hinged brackets can be mounted directly onto a wall. They are available with right or left hand hinging, allowing complete access to the back of the patch panel. The bracket holes utilize universal EIA spacing. They are manufactured from heavy duty 16 gauge steel and finished with a black polyurethane baked paint. HellermannTyton's horizontal wire management brackets may also be mounted onto the wall mount brackets in order to organize excess cable.

Product Selection							
Article No.	Part No.	Type	Color	Height	Depth	Rack Units	Pkg. Qty.
854-44287	**T1PPB**	T1PPB	Black	1.75″	6″	1U	1
854-44289	**T3PPB**	T3PPB	Black	3.5″	6″	2U	1
854-44406	**T3PPB8**	T3PPB8	Black	3.5″	8″	2U	1
854-44292	**T5PPB**	T5PPB	Black	5.25″	6″	3U	1
854-44293	**T7PPB**	T7PPB	Black	7″	6″	4U	1
854-44421	**T7PPB8**	T7PPB8	Black	7″	8″	4U	1

Use **Part No.** for ordering and **Type** for specification purposes.

Cable Management Panels

For a clean and simple solution to eliminating cable clutter on a relay rack, HellermannTyton offers a line of open cable management panels. Equipped with metal or plastic hangers, these 19″ panels provide fast and easy organization.

Product Selection							
Article No.	Part No.	Type	Description	Color	Features and Benefits 3	Height in Units	Pkg. Qty.
854-09207	**THCO1**	THCO1	Horizontal Cable Organizer with 4 feed-through holes	Black	Five Metal Rings	1U	1
854-09208	**THCO2**	THCO2	Horizontal Cable Organizer with 8 feed-through holes	Black	Five Metal Rings	2U	1
854-05135	**THCM1**	THCM1	Horizontal Cable Manager	Black	Five Plastic Rings	1U	1
854-05136	**THCM2**	THCM2	Horizontal Cable Manager	Black	Five Plastic Rings	2U	1
854-05138	**TRCMA**	TRCM	AlphaSnap Rear Cable Manager	Mill Finish	Grip Ties with Mounts	–	1
854-05139	**TRCMU**	TRCM	Universal Rear Cable Manager	Mill Finish	Grip Ties with Mounts	–	1
859-35057	**TFCM**	TFCM	Front Cable Manager	Black	Grip Ties and Metal Slots	–	1

Use 0 0 for ordering and for specification purposes.

THCO1

THCO2

THCM1

THCM2

TRCMA/U

TFCM