Vertical Lacing Strips

Perforated steel lacer strips mount vertically to rackrail brackets and provide many locations for securing cable bundles. LACE-OWP and LACE-OP strips include tie posts for sliding on pre-wrapped cable bundles using 1/2" hook-and-loop straps or cable ties. Some lacer strips also accept cage nuts or mounting of select power strips for increased versatility. All strips sold in packs of 6.

No need to fish cable ties & straps - just slide them on!
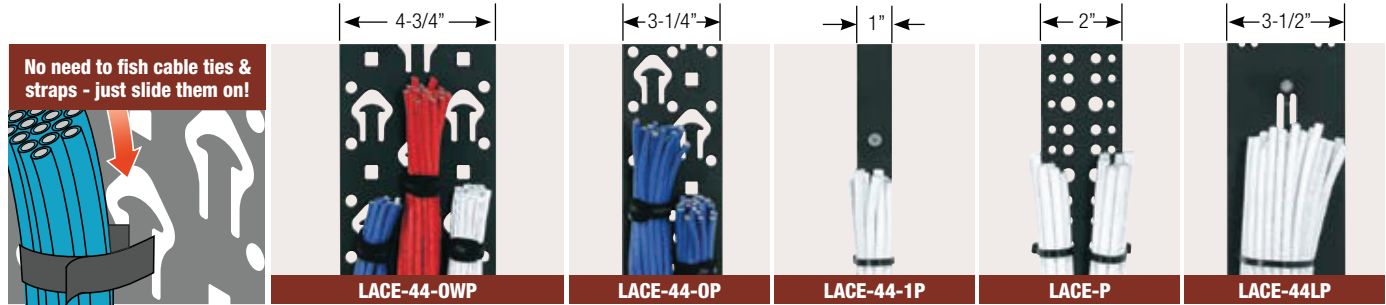
| ←— 4-3/4" —→ | ←— 3-1/4" —→ | →| 1" |← | ←— 2" —→ | ←— 3-1/2" —→ |
| LACE-44-OWP | LACE-44-OP | LACE-44-1P | LACE-P | LACE-44LP |

| Part #	Width	Racking Height	Tie Points	Qty	Compatible Cable Management Options				
					Cable Ties	TWS	TW-12	Cage Nuts	Anti-Slip Cable Pads
LACE-5254-OWP*	4-3/4"	52-54 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-44-OWP*	4-3/4"	44 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-40-OWP*	4-3/4"	40 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-37-OWP*	4-3/4"	37 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-23-OWP*	4-3/4"	23 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-13-OWP*	4-3/4"	13 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-5254-OP	3-1/4"	52-54 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	–
LACE-44-OP*	3-1/4"	44 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	–
LACE-40-OP*	3-1/4"	40 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	–
LACE-37-OP*	3-1/4"	37 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	–
LACE-23-OP*	3-1/4"	23 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	–
LACE-13-OP*	3-1/4"	13 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	–
LACE-44LP	3-1/2"	44 rackspaces	raised cable tie points	6	✓	–	✓	–	–
LACE-37LP	3-1/2"	37 rackspaces	raised cable tie points	6	✓	–	✓	–	–
LACE-P*	2"	45 rackspaces	round holes	6	✓	✓	–	–	–
LACE-37P*	2"	37 rackspaces	round holes	6	✓	✓	–	–	–
LACE-13P*	2"	13 rackspaces	round holes	6	✓	✓	–	–	–
LACE-44-1SP	1"	44 rackspaces	10 pre-installed tie saddles	6	✓	incl.	✓	–	–
LACE-37-1SP	1"	37 rackspaces	9 pre-installed tie saddles	6	✓	incl.	✓	–	–
LACE-5254-1P	1"	52-54 rackspaces	tie saddles	6	✓	✓	–	–	–
LACE-44-1P*	1"	44 rackspaces	tie saddles	6	✓	✓	–	–	–
LACE-37-1P*	1"	37 rackspaces	tie saddles	6	✓	✓	–	–	–
*NOTE: Also accepts mounting of PD Slim and PDT Series vertical power.									

Anti-Slip Cable Pad

The Anti Slip Cable Pad is made with a high friction material and mounts to OWP Series lace strips. By reducing the tendency for vertical cable bundles to slip, these pads reduce the force required to secure cables, which in turn helps ensure that sensitive cables operate at their designed performance level.

- Reduces risk of over tightening of tie points to ensure proper cable performance
- High tack polymer material gives a permanent high friction surface
- Helps cable stay in place and not slip at tie points

Part #	Qty
ASP-OWP	4
ASP-OWP-6	24

ASP-OWP
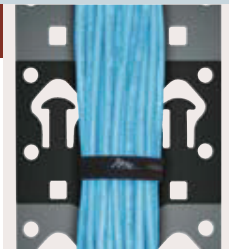
Cable Management Straps

Fasten cable bundles securely while maintaining the integrity of the cable. TW12 reusable cable management straps are made from Velcro® and are perfect for managing cables that are sensitive to strain. These straps are 8" long and are sold in 12 piece packs.

← 8" →

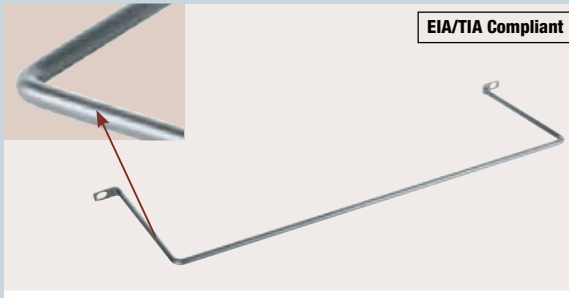| Part #	Description	Qty
TW12	8" cable/wire management straps	12

TW12

Cable Tie Saddles

Accommodates cable ties and hook & loop straps up to 3/4" wide, including the TW12 cable management strap. Mounts to wall or specified LACE bars. Sold in packs of 15 and includes mounting hardware.

TSW-15

Part #	Description	Qty
TSW-15	cable tie saddles & hardware	15

EIA/TIA Compliant

90º Bend Lacer Bars

These LBP-xxR90 series offset lacer bars are similar to our other offset round lacer bars, but feature 90° bends to provide full-width support. Can also be used to provide clearance around components that extend past the rear rackrail (16-5/8" open width). 1/4" diameter rod with flattened ends.

Part #	Style	Qty	Part #	Style	Qty
LBP-1.5R90	90º, 1.5" offset round rod	10	LBP-6R90	90º, 6" offset round rod	10
LBP-4R90	90º, 4" offset round rod	10	LBP-10R90	90º, 10" offset round rod	10

EIA/TIA Compliant

Round Lacer Bars

Use the LBP-1R round lacer bar when a small profile is required and for lacing small or individual horizontal cable runs. 1/4" diameter rod with flattened ends.

Part #	Style	Qty
LBP-1R	round rod	10

EIA/TIA Compliant
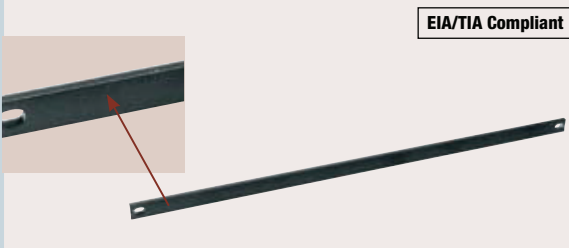
Rectangular Lacer Bars

Use the LBP-1S lacer bar when lacing cables vertically or horizontally. Aluminum construction provides the ability to drill holes to attach tie saddles, mount electrical boxes, etc. This lacer bar can also be used to support the rear of equipment. 3/16" thick aluminum, 1/4" diameter rod with flattened ends.

Part #	Style	Qty
LBP-1S	rectangular bar	10

EIA/TIA Compliant
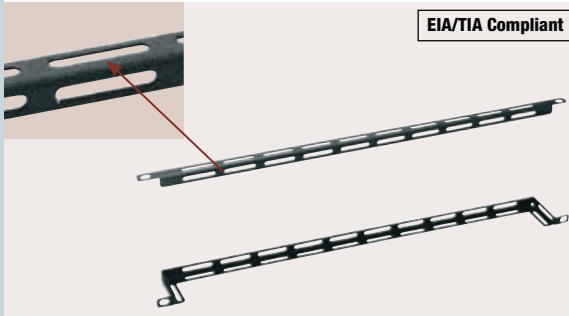
L-Shaped Lacer Bars

"L" shaped lacer bars are strong and provide fixed tie points. The LBP-2A, LBP-4A and LBP-6A have a 2", 4" and 6" offset, respectively. Choose the appropriate offset bar based on the distance from the rear of equipment to the rackrail.

Part #	Style	Qty	Part #	Style	Qty
LBP-1A	"L" bar	10	LBP-4A	"L" bar, 4" offset	10
LBP-2A	"L" bar, 2" offset	10	LBP-6A	"L" bar, 6" offset	10

EIA/TIA Compliant
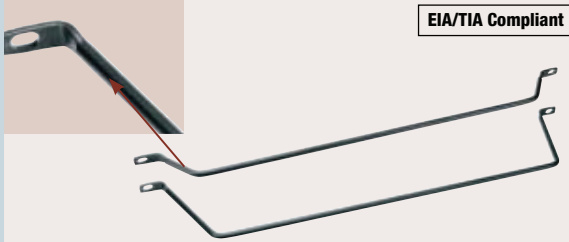
Round Lacer Bars with Offset

Use the LBP-1.5 & LBP-1R4 when lacing small bundles or individual cables off the rear of equipment, patch panels and other components to relieve cable stress from the connections. Choose the appropriate offset based on the distance from the rear of equipment to the rackrail. 1/4" diameter rod with flattened ends.

Part #	Style	Qty	Part #	Style	Qty
LBP-1R4	4" offset round rod	10	LBP-1.5	1.5" offset round rod	10

EIA/TIA Compliant
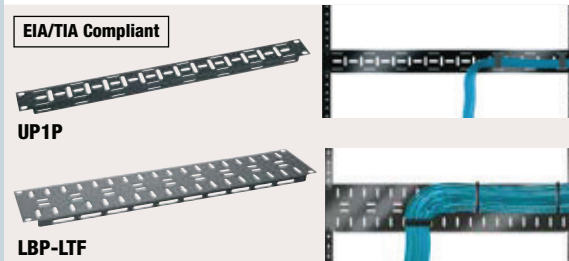
UP1P

LBP-LTF

Horizontal Lacer Panel

Use the LBP-LTF and UP1P for large lacing amounts of cable or mounting devices. Two rackspace high, the LBP-LTF features a large flange, numerous cable tie points & more surface for mounting.

Part #	Racking Height	Pre-Pack Qty	Panel Width
UP1P	1-3/4" (1 space)	10	19"
LBP-LTF	3-1/2" (2 space)	10	19"

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BR1
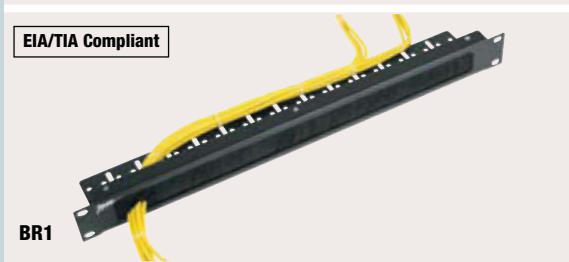
Brush Grommet Panel

The brush grommet panel provides a clean, organized cable entry method when mounted above any work surface. Features a built-in cable management tray, available in one and two space versions. Also fits in opening on all MW Series top options.

Part #	Racking Height	Part #	Racking Height
BR1	1-3/4" (1 space)	BR2	3-1/2" (2 space)

Hinged Horizontal Cable Managers

Conceal patch cables while providing cable strain relief with the hinged horizontal cable managers. These 19" cable managers provide a strong, attractive method for organizing patch cords and maintaining the required bend radius. The hinged front panel has a magnetic closure and conceals cables dressed between components and cable chases. Ample cable pass-throughs provided for dressing cables above, below, to the sides and behind the cable manager. Finished in a durable black powder coat.

RoHS EIA/TIA Compliant

Spec. # 96-01003 for full product info. A&E

HHCM-2 (cover closed)

HHCM-2 (cover open)

HHCM-1 and HHCM-2 (shown with cabling)

Part #	Racking Height	Depth
HHCM-1	1-3/4" (1 rackspace)	3-5/8"
HHCM-2	3-1/2" (2 rackkspace)	3-5/8"

Horizontal Cable Managers

Organize patch cords and maintain a required bend radius. Available in a wide variety of styles to suit any application. The D-Ring provides a creative solution for adding individual D-Rings to a rack or on a wall using appropriate fasteners. For optimal performance, do not exceed a 50% fill rate when passing cables through cable rings. Constructed from 16-gauge steel, and finished in a durable black powder coat.
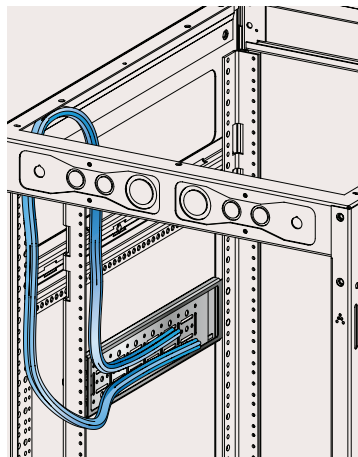
EIA/TIA Compliant

HCM-1   HCM-1V   HCM-1D   HCM-1DV   HCM-2D   HCM-2DV   HCM-1DR   HCM-2DR   D-Ring

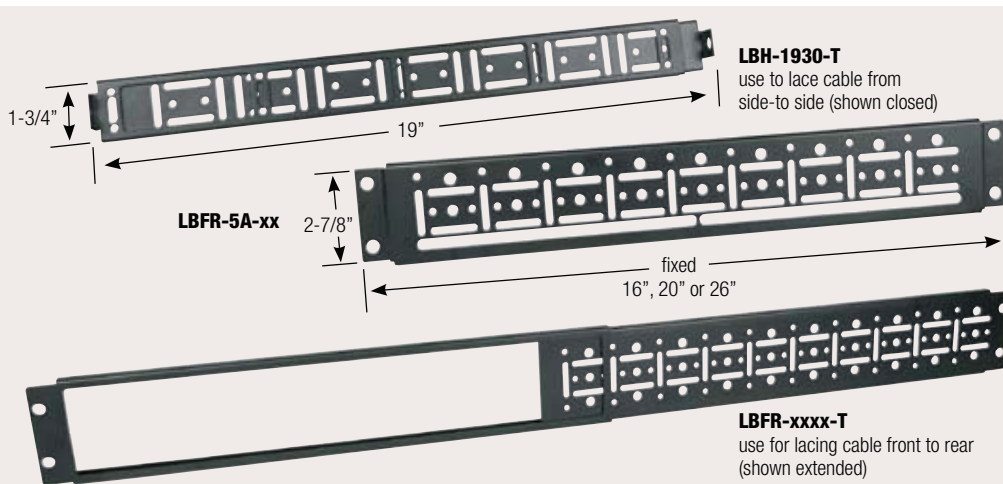| Part #	Description	Panel Width	Cable Rings Fill Area	End Rings Fill Area
HCM-1	1-3/4" (1 rackspace) "micro-clip" style	19"	7/8 in.^{2}	–
HCM-1V	1-3/4" (1 rackspace) "micro-clip" style, w/ end D-Rings	19"	7/8 in.^{2}	7-1/2 in.^{2}
HCM-1D	1-3/4" (1 rackspace) "D-Ring"style	19"	3-1/8 in.^{2}	–
HCM-1DV	1-3/4" (1 rackspace) "D-Ring"style, w/ end D-Rings	19"	3-1/8 in.^{2}	7-1/2 in.^{2}
HCM-2D	3-1/2" (2 rackspace) "D-Ring" style	19"	7-1/2 in.^{2}	–
HCM-2DV	3-1/2" (2 rackspace) "D-Ring" style, w/ end D-Rings	19"	7-1/2 in.^{2}	7-1/2 in.^{2}
HCM-1DR	1-3/4" (1 rackspace) "D-Ring", front & rear	19"	6-1/4 in.^{2}	–
HCM-2DR	3-1/2" (2 rackspace) "D-Ring", front & rear	19"	15 in.^{2}	–
D-Ring	wall mount/rackmount "D-Ring"	–	7-1/2 in.^{2}	–

Horizontal Cable Managers

Telescoping Lacer Bar System for Managing Cable from Front to Rear and Side-to-Side

LBH horizontal and LBFR front to rear lacer bars provide a configurable system for enhanced cable management with most installations. Telescoping lacer bars are adjustable to meet the specific mounting requirements of various enclosures. Unique design accepts mounting of Middle Atlantic Products vertical power strips and vertical lacer strips. Sold in packs of 2. NOTE: LBFR-A lacer bars have a fixed length and are not telescoping.

Spec. # 96-01058 for full product info.

LBH-1930-T use to lace cable from side-to side (shown closed)

LBFR-5A-xx 2-7/8" fixed 16", 20" or 26"

1-3/4" 19"

LBFR-xxxx-T use for lacing cable front to rear (shown extended)

Mount cables from front to rear

Part #	Description	Telescoping Range (from mounting hole to mounting hole)	Useable Depth of Rack (requires rear rackrail)	Pre-Pack Qty
LBH-1930-T	horizontal telescoping lacer bar	19" to 30"	–	2
LBFR-1626-T	front to rear telescoping lacer bar	16" to 26"	20-3/8" to 27-3/8"	2
LBFR-2036-T	front to rear telescoping lacer bar	20" to 36"	21-3/8" to 37-3/8"	2
LBFR-3650-T	front to rear telescoping lacer bar	36" to 50"	37-3/8" to 51-3/8"	2
LBFR-5A-16	front to rear lacer bar (fits SAX and SSAX racks)	14-1/2" only	16"	2
LBFR-5A-20	front to rear lacer bar (fits AXS, AX-SX, AX-SXR and SLIM 5 racks)	18-1/8" only	20"	2
LBFR-5A-26	front to rear lacer bar (fits AXS-26 and 26" deep SLIM 5 racks)	24-1/8" only	26"	2

Fiber/Cable Spools

Manage excess fiber or copper cable slack within a rack.
- Provides for proper bend radius for cables
- Available in 1-3/8", 3", and 8" depth sizes
- 4-pack configurations include mounting hardware & 2 brackets to allow for making a complete circle
- 10-pack configurations specially designed to mount on Middle Atlantic Products MK Series cable management racks
- 2 rackspace panel includes two spools which can rotate in 90° intervals

3" and 8" deep sizes shown

Spec. # 96-01115 for full product info.

Part #	Racking Height	Type
PCS-1-4	1-3/8" deep	4 pieces
PCS-3-4	3" deep	4 pieces
PCS-8-4	8" deep	4 pieces
PCS-1-2H	1-3/8" deep	2 space panel
PCS-3-2H	3" deep	2 space panel

Part #	Racking Height	Type
PCS-8-2H	8" deep	2 space panel
PCS-1-MK	1-3/8" deep Kit for MK Series	10 pieces
PCS-3-MK	3" deep Kit for MK Series	10 pieces
PCS-8-MK	8" deep Kit for MK Series	10 pieces

PCS-3-2H

Rackmount Cable Tray

Handy horizontal cable tray mounts on any 19" rack or cabinet & neatly routes cable bundles from side to side. Turn-downs on sides help maintain the required cable bend radius. Finished in a durable black powder coat.

EIA/TIA Compliant

Part #	Racking Height
HCT-1	1-3/4" (1 rackspace)
HCT-2	3-1/2" (2 rackspace)

HCT-1