

HORIZONTAL CABLE MANAGEMENT

Middle Atlantic Products offers a range of horizontal cable support products prevent cable strain by organizing and routing cables from rear component connections to the side of the rack.

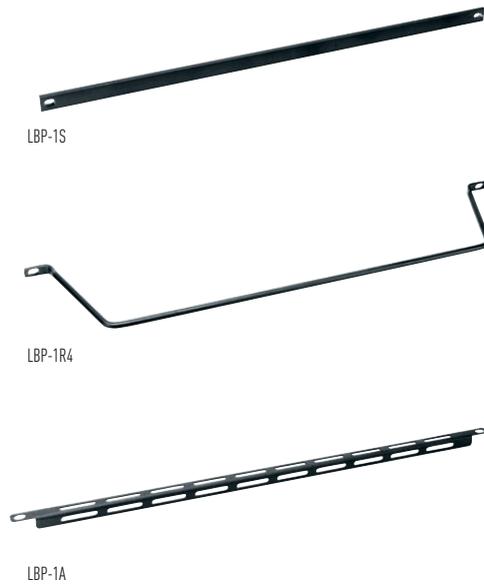
LBP SERIES, HORIZONTAL LACER BARS

Horizontal lacer bars provide cabling support in the region of the mounted equipment itself, carrying cables horizontally from the sides of the rack to the connection points.

- Choice of round, rectangular, and "L" shaped profiles
- Choice of straight and offset styles
- Steel construction with black powder coat finish (except rectangular lacing bars of aluminum construction)
- Sold in packs of 10 pieces

PART #	SHAPE	OFFSET	QUANTITY
LBP-1S*	rectangular	-	10
LBP-1R	round	-	10
LBP-1R4	round	102mm offset	10
LBP-1.5	round	38mm offset	10
LBP-1.5R90	round	38mm offset	10
LBP-4R90	round	102mm offset	10
LBP-6R90	round	152mm offset	10
LBP-10R90	round	254mm offset	10
LBP-1A	L-shaped	-	10
LBP-2A	L-shaped	51mm offset	10
LBP-4A	L-shaped	102mm offset	10
LBP-6A	L-shaped	152mm offset	10

*aluminum construction



LBP-1S

LBP-1R4

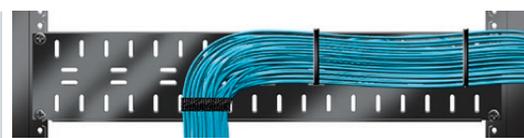
LBP-1A



- cable management friendly hardware see pg. 122



LBP-LTF



LBP SERIES, HORIZONTAL LACER BARS

- For large amounts of cable or mounting small devices

PART #	RACKING HEIGHT	QUANTITY	PANEL WIDTH
UP1	44mm (1 space)	1	483mm
LBP-LTF	89mm (2 space)	10	483mm

LB SERIES, TELESCOPING LACER BAR SYSTEM

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.

- Choice of adjustable models for side-to-side (LBH products) and front-to-back support (LBFR products)
- LBFR-5A lacer bars have similar function but are fixed length
- Steel construction with black powder coat finish
- Sold in packs of 2



LBH-1930-T



LBFR-2036-T
shown extended

PART #	DESCRIPTION	TELESCOPING RANGE (MOUNTING HOLE TO MOUNTING HOLE)	USEABLE DEPTH OF RACK (REQUIRES REAR RACKRAIL)	HEIGHT	PRE-PACK QUANTITY
LBH-1930-T	horizontal telescoping lacer bar	483mm to 762mm		44mm	2
LBFR-1626-T	front to rear telescoping lacer bar	406mm to 660mm	518mm to 695mm	73mm	2
LBFR-2036-T	front to rear telescoping lacer bar	508mm to 914mm	543mm to 949mm	73mm	2
LBFR-3650-T	front to rear telescoping lacer bar	914mm to 1270mm	949mm to 1305mm	73mm	2
LBFR-5A-16	front to rear lacer bar (fits SAX and SSAX racks)	368mm only	406mm	73mm	2

HCM SERIES, HORIZONTAL CABLE MANAGERS

Organize patch cords and similar cabling while maintaining the a required bend radius. Available in a wide variety of styles to suit most applications. For optimal performance, do not exceed a 50% fill rate when passing cables through cable rings.

- Choice of styles including "D-ring" and "micro-clip"
- Choice of one and two space sizes
- Steel construction with black powder coat finish



HCM-1



HCM-2DV



D-RING

PART #	DESCRIPTION	PANEL WIDTH	CABLE RINGS FILL AREA	END RINGS FILL AREA
HCM-1	44mm (1 rackspace) "micro-clip" style	483mm	22mm ²	
HCM-1D	44mm (1 rackspace) "D-Ring" style	483mm	83mm ²	
HCM-1DV	44mm (1 rackspace) "D-Ring" style, w/ end D-Rings	483mm	83mm ²	190mm ²
HCM-2DV	89mm (2 rackspace) "D-Ring" style, w/ end D-Rings	483mm	190mm ²	190mm ²

ACCESSORIES

HORIZONTAL CABLE MANAGEMENT



HHCM shown open

HHCM shown closed

HHCM SERIES, HINGED HORIZONTAL CABLE MANAGERS

Conceal patch cables while providing cable strain relief with the hinged horizontal cable managers.

- Hinged front panel has a magnetic closure
- Helps maintain the required bend radius
- Steel construction with black powder coat finish

PART #	RACKING HEIGHT	DEPTH
HHCM-1	44mm (1 rackspace)	92mm
HHCM-2	89mm (2 rackspace)	92mm



PHCM typical

PHCM SERIES, HORIZONTAL CABLE MANAGERS

Ample cable pass-throughs provided for dressing cables above, below, to the sides and behind the cable manager.

- Available in single and 4-packs

SINGLE PIECE PART #	4 PACK PART #	DESCRIPTION
PHCM-1-2	PHCM-1-2-P4	1 rackspace (44mm) plastic finger horizontal cable manager, 51mm deep



BR1 application

BR SERIES, BRUSH GROMMET CABLE PASS-THROUGH PANEL

The brush grommet panel provides a clean, organized cable entry method when mounted above any work surface. Also fits in opening on all MW Series top options.

- Built-in cable management tray
- Steel construction with black powder coat finish

PART #	RACKING HEIGHT
BR1	44mm (1 rackspace)
BR2	89mm (2 rackspace)

VERTICAL CABLE MANAGEMENT

Middle Atlantic Products offers a range of vertical cable support products to prevent cable strain by organizing and routing cables along side the rack. Properly dressed installations not only look better, but better support the thermal management strategy and make ongoing maintenance and changes easier.



OWP Series
LACE-44-OWP



OP Series
LACE-40-OP



LP Series
LACE-44LP



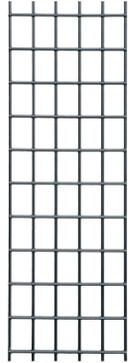
P Series
LACE-P



1SP Series
LACE-44-1SP



1P Series
LACE-441P



WB6 Series
LACE-WB6-24

SERIES	PART #	RACKING HEIGHT	WIDTH	TIE POINTS	QTY	COMPATIBLE CABLE MANAGEMENT OPTIONS			
						CABLE TIES	TWS	TW12	CAGE NUTS
OWP	LACE-5254-OWP	52-54 rackspace	121mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-44-OWP	44 rackspace	121mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-40-OWP	40 rackspace	121mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-37-OWP	37 rackspace	121mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-23-OWP	23 rackspace	121mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-13-OWP	13 rackspace	121mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
OP	LACE-5254-OP	52-54 rackspace	83mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-44-OP	44 rackspace	83mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-40-OP	40 rackspace	83mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-37-OP*	37 rackspace	83mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-23-OP	23 rackspace	83mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
	LACE-13-OP	13 rackspace	83mm	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓
P	LACE-P	45 rackspace	51mm	round holes	6	✓	✓		
	LACE-37P	37 rackspace	51mm	round holes	6	✓	✓		
	LACE-13P	13 rackspace	51mm	round holes	6	✓	✓		
1SP	LACE-44-1SP	44 rackspace	25mm	10 pre-installed tie saddles	6	✓	inc.	✓	
1P	LACE-44-1P	44 rackspace	25mm	tie saddles	6	✓	✓		
	LACE-37-1P	37 rackspace	25mm	tie saddles	6	✓	✓		
WB6	LACE-WB6-24	24 rackspace	152mm	vertical wire grid lace	1				
	LACE-WB6-42	42 rackspace	152mm	vertical wire grid lace	1				
	LACE-WB6-45	45 rackspace	152mm	vertical wire grid lace	1				