

## Horizontal Cable Managers

This selection guide shows the series of horizontal managers available from Panduit. The design of horizontal managers has been driven by developments in fiber and copper cable technology from Cat5e to Cat6A and beyond.

Horizontal managers are used, most commonly, with flat patch panels and flat faced equipment to manage cables traversing into the vertical manager.

Flat patch panels and horizontal managers are typically used in applications that require a large number of Moves, Adds and Changes (MAC) such as telecommunications rooms for leased office space, brokerages and trading houses where the workstations will move or add additional ports frequently. MACs are easier to maintain in a flat patch panel with a horizontal manager system.

These horizontal managers can be used in any Panduit 2-post rack, 4-post rack or cabinet.

### NetManager™ High Capacity Horizontal Cable Management

Panduit® NetManager™ High Capacity Horizontal Cable Managers provide an efficient way to manage high performance copper, fiber optic, or coaxial cables on any 19" rack. Fixed inset fingers on the front and back allow easier access to the ports for moves, adds, and changes. Fixed bend radius fingers organize and protect patch cords as they exit patch panels and as they transition into the vertical pathway. All of these features combine to provide the user with a horizontal cable management solution that simplifies cable routing in a finished professional appearance. Managers are available in front and rear and front only.

### Features and Benefits

- Innovative inset fingers slope inward toward back of managers offering unobstructed access to network cabling for easier moves, adds, and changes
- Pass-through holes allow front to rear cabling; optional blanking panels available
- Dual hinged cover opens 110 degrees to the top or bottom to provide complete access to the horizontal pathway without having to remove the cover
- Large front finger openings easily accommodate Category 6A and Category 6 cables, speeding installation and reducing maintenance costs
- Rear cable management finger spacing utilizes open D-rings for greater accessibility



Part Number	Part Description	RU	Cable Capacity			
			Cat. 6A (28AWG - 0.185")	Cat. 6A (24AWG - 0.275")	Cat. 6 (28AWG - 0.150")	Cat. 6 (24AWG - 0.235")
<b>19" Manager, Front and Rear</b>			<b>Front/Rear</b>			
<b>NM1</b>	1.7"H x 19.0"W x 13.1"D (44mm x 482mm x 332mm).	1	50/50	22/22	76/76	31/31
<b>NM2</b>	3.5"H x 19.0"W x 13.1"D (88mm x 482mm x 332mm).	2	142/142	64/64	216/216	88/88
<b>NM3</b>	5.2"H x 19.0"W x 13.1"D (133mm x 482mm x 332mm).	3	243/243	110/110	370/370	150/150
<b>NM4</b>	7.0"H x 19.0"W x 13.1"D (177mm x 482mm x 332mm).	4	355/355	160/160	540/540	220/220
<b>19" Manager, Front Only</b>						
<b>NMF1</b>	1.7"H x 19.0"W x 6.2"D (44mm x 482mm x 157mm).	1	50	22	76	31
<b>NMF2</b>	3.5"H x 19.0"W x 6.2"D (88mm x 482mm x 157mm).	2	142	64	216	88
<b>NMF3</b>	5.2"H x 19.0"W x 6.2"D (133mm x 482mm x 157mm).	3	243	110	370	150
<b>NMF4</b>	7.0"H x 19.0"W x 6.2"D (177mm x 482mm x 157mm).	4	355	160	540	220

Most popular products are listed above and highlighted in **BOLD**. Check out Panduit.com for all sizes and accessories.

# Horizontal Cable Managers

## PatchLink™ Horizontal Cable Management

Panduit® PatchLink™ Horizontal Cable Managers are designed to manage high performance cable, specifically Cat. 5e and Cat. 6, on any EIA 19" rack. Manager consists of a 1-piece construction that is molded out of plastic with rigid end fingers that incorporate integral bend radius control. Managers are available in front and rear and front only. All managers include hinged covers and mounting hardware.

### Features and Benefits

- Dual hinged cover allows cable access without removing cover
- Rounded edges on fingers protect cables from snags and damage to cable
- Flexible fingers allow easy installation and removal of cables
- Pass-through holes allow front to rear cabling
- Integral bend radius control maintains bend radii as cables transition to and from horizontal and vertical pathways



Part Number	Part Description	RU	Cable Capacity			
			Cat. 6A (28AWG - 0.185")	Cat. 6A (24AWG - 0.275")	Cat. 6 (28AWG - 0.150")	Cat. 6 (24AWG - 0.235")
			Front/Rear			
<b>19" Manager, Front and Rear</b>						
<b>WMPSE</b>	1.7"H x 19.0"W x 8.9"D (44mm x 483mm x 226mm).	1	40/68	18/30	61/104	25/42
<b>WMP1E</b>	3.5"H x 19.0"W x 8.9"D (89mm x 483mm x 226mm).	2	101/134	45/60	153/204	62/83
<b>19" Manager, Front Only</b>						
<b>WMPFSE</b>	1.7"H x 19.0"W x 3.7"D (44mm x 483mm x 94mm).	1	40	18	61	25
<b>WMPF1E</b>	3.5"H x 19.0"W x 3.7"D (89mm x 483mm x 94mm).	2	101	45	153	62

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## Open-Access™ Horizontal Cable Management

Open-Access Horizontal Managers are ideal to use for 1RU switches that have horizontal managers above and below, providing better access to the switch ports. Another suited application is for power cord management in cabinets and 2 and 4-post racks.

Managers are available in front and rear and front only in both 1 and 2 RU versions. Various D-ring sizes are available. D-rings can also be purchased separately for additional cable support. Optional snap on covers are also available.

### Features and Benefits

- D-ring managers provide an open and efficient way to manage power, coaxial, and communications cables
- Flexible and rounded D-rings prevent snags and allow easy access to cables for moves, adds and changes
- Suitable for large and small cabling installations
- Pass-through holes allow front to rear cabling
- Modular, snap-in D-rings provide flexibility for system requirements



Part Number	Part Description	RU	Cable Capacity			
			Cat. 6A (28AWG - 0.185")	Cat. 6A (24AWG - 0.275")	Cat. 6 (28AWG - 0.150")	Cat. 6 (24AWG - 0.235")
			Front/Rear			
<b>19" Manager, Front and Rear</b>						
<b>CMPH1</b>	1.7"H x 19.0"W x 8.6"D (44mm x 483mm x 218mm).	1	32/43	14/19	49/65	20/26
<b>CMPH2</b>	3.5"H x 19.0"W x 8.6"D (88mm x 483mm x 218mm).	2	87/161	39/73	133/245	54/100
<b>19" Manager, Front Only</b>						
<b>CMPHF1</b>	1.7"H x 19.0"W x 3.4"D (44mm x 483mm x 87mm).	1	32	14	49	20
<b>CMPHFF1</b>	1.7"H x 19.0"W x 5.7"D (44mm x 483mm x 144mm).	1	43	19	65	26
<b>CMPHF2</b>	3.5"H x 19.0"W x 3.4"D (88mm x 483mm x 87mm).	2	87	39	133	54
<b>CMPHH2</b>	3.5"H x 19.0"W x 5.7"D (88mm x 483mm x 144mm).	2	161	73	245	100

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