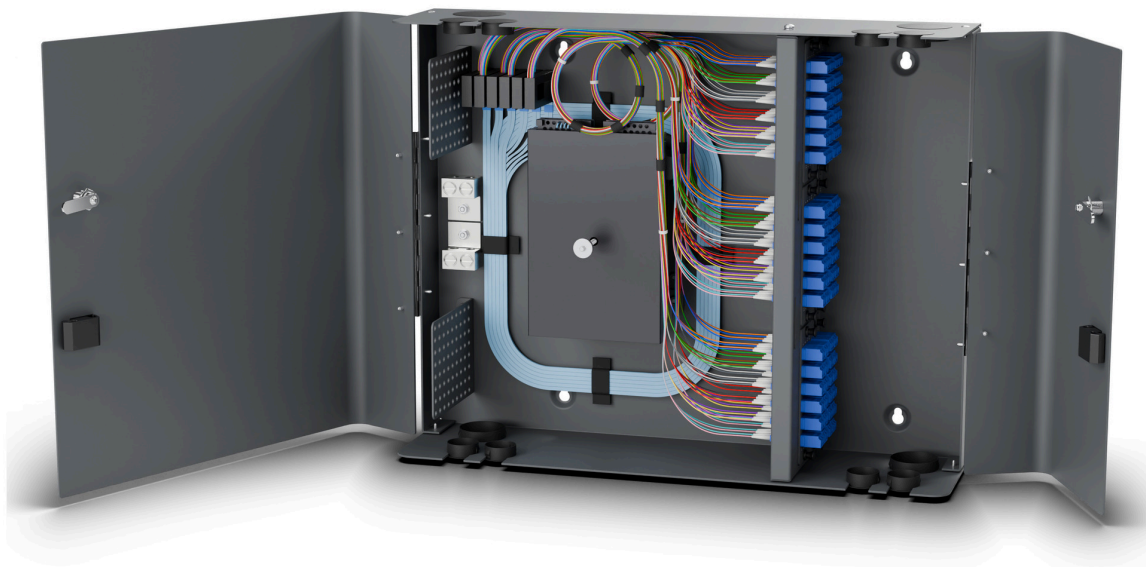


WMHD6X Wall Mount Enclosure

Wall mount · 6x HD modules · Loose tube 72F · Ribbon LC 144F



Ribbon LC build, 144F: 6x 24-port LC/UPC plates, ribbon singlemode pigtails, and black metallic splice trays.

OVERVIEW

Patch and splice for up to 144 fibers

The One Optics WMHD6X is the high-capacity member of the WMHD wall mount family: an indoor patch and splice enclosure that takes 6 HD style adaptor modules (adaptor plates). The splice compartment and the patch side each sit behind their own lockable door.

It keeps the WMHD2X layout, with more room for splice trays, slack and cable entries. Units ship assembled and can be loaded with pigtails and black metallic splice trays: loose tube up to 72F for single fusion, or ribbon LC up to 144F for mass fusion.

6xHD ADAPTOR
MODULES**72F**

LOOSE TUBE MAX

144F

RIBBON LC MAX

12CABLE ENTRY
PORTS**17.61 in W**

X 13.80 IN H BODY

4.44 in

BODY DEPTH

FEATURES & APPLICATIONS

- ✓ **Modular:** 6x HD adaptor module capacity, up to 72 SC or 144 LC ports
- ✓ **Wall mount:** 17.61 in W x 13.80 in H x 4.44 in D body
- ✓ **12-port SC or 12-port LC** plates for loose tube or ribbon; 24-port LC plates for ribbon
- ✓ Separate splice and patch compartments, each behind a lockable hinged door
- ✓ Black metallic splice trays; 4 radius guides for slack
- ✓ 12 cable entry ports with dome plugs: 8x 1 in and 4x 1.5 in
- ✓ 2 ground lugs (2-wire, 14 AWG to 1/0) and 2 perforated fiber brackets for tie-down
- ✓ Singlemode or multimode; SC/UPC, SC/APC, LC/UPC and LC/APC
- ✓ Accepts MPC-24-LC pass-through and OOF-24 splice cassettes
- ✓ 16 GA galvalume steel, dark gray powder coat
- ✓ Corning fiber pigtails, 100% cleaned and inspected end faces
- ✓ **Made in USA**
- ✓ **Applications:** MSO business services, MDU, enterprise and data center

**Closed and locked.** Splice side on the left, patch side on the right, each behind its own keyed door.

CONFIGURATION

Splice on the left, patch on the right



Doors open. Ribbon LC build, 144F: 6x 24-port LC/UPC plates and black metallic splice trays. Pigtails not pictured.

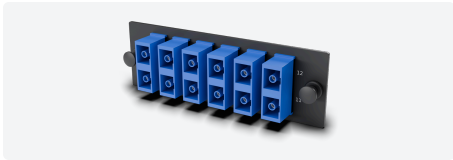
Feeder cable enters the splice compartment, is spliced to pigtails in the tray, and the pigtails land on the back of the HD adaptor plates. Patch cords connect on the patch side, behind a separate door.

MODULES	6x HD adaptor plates on the partition, in 3 openings of 2
CAPACITY	Loose tube up to 72F SC or LC (12-port plates); ribbon LC up to 144F (24-port plates)
CONNECTOR	SC or LC, UPC or APC polish
FIBER TYPE	Singlemode or multimode
PIGTAILS	3 m, 900 μm single fusion or ribbon mass fusion, 18 in [457 mm] color-coded 900 μm fan-out at the plate end; Corning fiber
SPLICING	Black metallic splice trays
CABLE ENTRY	12 ports with dome plugs (8x 1 in, 4x 1.5 in), top and bottom

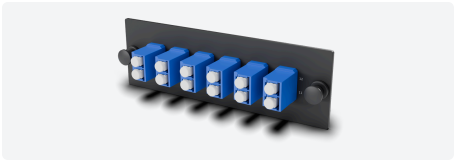
BUILD OPTIONS AT A GLANCE

BUILD	ADAPTOR PLATES	PIGTAILS	SPLICING	MAX FIBERS
Loose tube SC	6x 12-port SC	900 μm single fusion	Black metallic splice trays	72F
Loose tube LC	6x 12-port LC (6x LC duplex)	900 μm single fusion	Black metallic splice trays	72F
Ribbon LC	6x 24-port LC	Ribbon mass fusion	Black metallic splice trays	144F

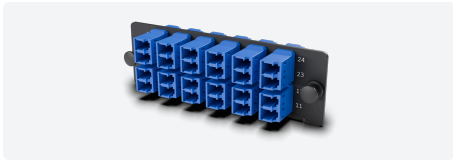
HD ADAPTOR PLATE OPTIONS



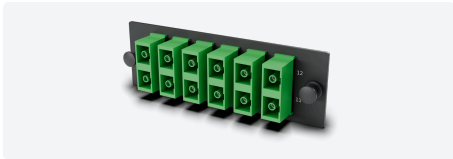
SC/UPC
12-PORT



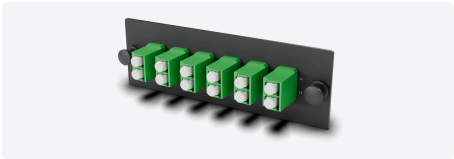
LC/UPC
12-PORT · 6X LC DUPLEX



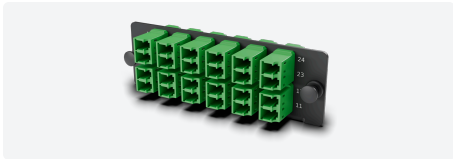
LC/UPC
24-PORT · RIBBON BUILDS



SC/APC
12-PORT



LC/APC
12-PORT · 6X LC DUPLEX



LC/APC
24-PORT · RIBBON BUILDS

Adaptor colors: blue UPC, green APC, aqua multimode.

BUILDS

Two ways to build it

Same enclosure, same 6 HD adaptor positions. The build sets the plates, the pigtails and how the fiber is spliced.



BUILD 01

Loose tube · up to 72F

Loose tube build, 72F: 6x 12-port SC or LC plates (LC/UPC shown); UPC or APC

PLATES 6x 12-port SC or 12-port LC plates (LC/UPC shown); UPC or APC

PIGTAILS 3 m 900 µm single fusion, Corning fiber

EXAMPLE WMHD6X-L-LC-72, WMHD6X-L-SC-72



BUILD 02

Ribbon LC · up to 144F

Ribbon LC build, 144F: 6x 24-port LC/UPC plates, ribbon singlemode pigtails, and black metallic splice trays.

PLATES 6x 24-port LC plates (LC/UPC shown); LC/APC also available

PIGTAILS 3 m ribbon mass fusion, Corning fiber

EXAMPLE WMHD6X-R-LC-144

ORDER IT UNLOADED



OPTION A

Adaptors only

Adaptors only build, 144F: 6x 24-port LC/UPC plates, no pigtails and no splice trays.

Example: WMHD6X-A-LC-144



OPTION E

Empty

Empty enclosure: no adaptor plates, pigtails or splice trays. All 6 HD adaptor positions are open.

Order as WMHD6X-E

INSTALLATION AT A GLANCE

01

Mount it

Hang it on the 4 keyhole slots in the back panel (11.00 x 11.30 in pattern) using the 1 in screws supplied.

02

Bring the cable in

Enter through a 1 in or 1.5 in port. Clamp the central strength member in a ground lug; seal with a compression fitting and tape.

03

Splice

Store slack around the radius guides and splice to pigtails in the trays. Tie down on the fiber brackets and tie mounts with zip ties and Velcro.

04

Patch and close

Patch from the right side. Fill in the port ID chart, apply the laser warning sticker and lock both doors.

Included in the box: 1 in wall mount screws (6), keys (2), Velcro spool, laser light warning sticker, cable tie mounts (2), 4 in zip ties (6), 8 in zip ties (2), port ID chart, medium compression fitting (1) and large compression fitting (1).

ACCESSORY

Compatible: MPC-24-LC-A / -U pass-through and OOFB-24 splice cassettes

An MPO-to-LC pass-through cassette for the HD adaptor positions, with no field splicing: two MTP-12 APC adaptors at the rear and 12 LC/UPC duplex adaptors (24 fibers) at the front. OS2 singlemode, Type A (-A) or Universal (-U) polarity.

MPC-24-LC-A

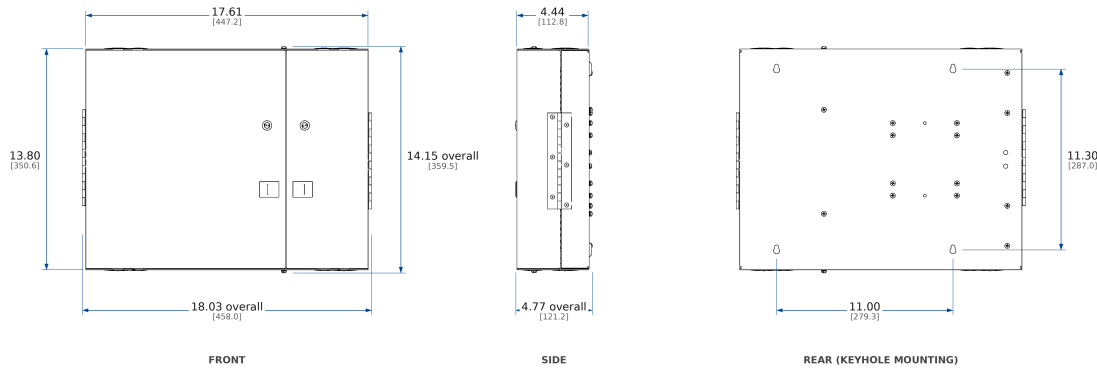
2x MTP-12 APC (rear) to 12 LC/UPC duplex (front), 24F OS2, Type A

MPC-24-LC-U

Same, Method B / Universal polarity

Companion products: WMHD2X wall mount (2x HD adaptor modules) and HD1U rack mount enclosure (4x HD adaptor modules) take the same HD adaptor plates.

DIMENSIONS



Front, side and rear views. Dimensions in inches [mm].

ENCLOSURE SPECIFICATIONS

Panel type	Wall mount, dual door, lockable	Module capacity	6x HD adaptor plate modules
Body (W x H x D)	17.61 x 13.80 x 4.44 in [447.2 x 350.6 x 112.8 mm]	Fiber capacity	72 SC or LC loose tube; 144 LC ribbon
Overall (W x H x D)	18.03 x 14.15 x 4.77 in [458.0 x 359.5 x 121.2 mm], incl. hinges, fasteners and door hardware	Doors	2 hinged doors, quarter-turn cam locks, push-to-close latches
Material	16 GA galvalneal steel, dark gray powder coat (PMS 425C)	Cable entry	12 ports with dome plugs (8x 1 in, 4x 1.5 in)
Splicing	Black metallic splice trays on a splice tray mount, 4 radius guides	Grounding	2 ground lugs, 2-wire, 14 AWG to 1/0
		Mounting	4 keyhole slots, 11.00 x 11.30 in [279.4 x 287.0 mm]
		Weight	Approx. 16 lb [7.2 kg], empty

ORDERING & CONFIGURATION EXAMPLES

Configure to order **WMHD6X- [L/R/A] - [LC/LA/SC/SA] - [count]** or **WMHD6X-E** fiber style · connector/polish · count

PART NUMBER	DESCRIPTION	PRICING
WMHD6X-L-SC-24	Loose tube, 24 ports SC/UPC (2x 12-port SC plates), 3 m 900 µm single fusion pigtailed and splice trays	Contact sales
WMHD6X-L-SC-48	Loose tube, 48 ports SC/UPC (4x 12-port SC plates), 3 m 900 µm single fusion pigtailed and splice trays	Contact sales
WMHD6X-L-SC-72	Loose tube, 72 ports SC/UPC (6x 12-port SC plates), 3 m 900 µm single fusion pigtailed and splice trays	Contact sales
WMHD6X-L-SA-72	Loose tube, 72 ports SC/APC (6x 12-port SC plates), 3 m 900 µm single fusion pigtailed and splice trays	Contact sales
WMHD6X-L-LC-24	Loose tube, 24 ports LC/UPC (2x 12-port LC plates), 3 m 900 µm single fusion pigtailed and splice trays	Contact sales
WMHD6X-L-LC-48	Loose tube, 48 ports LC/UPC (4x 12-port LC plates), 3 m 900 µm single fusion pigtailed and splice trays	Contact sales
WMHD6X-L-LC-72	Loose tube, 72 ports LC/UPC (6x 12-port LC plates), 3 m 900 µm single fusion pigtailed and splice trays	Contact sales
WMHD6X-R-SC-24	Ribbon, 24 ports SC/UPC (2x 12-port SC plates), 3 m ribbon mass fusion pigtailed and splice trays	Contact sales
WMHD6X-R-SC-48	Ribbon, 48 ports SC/UPC (4x 12-port SC plates), 3 m ribbon mass fusion pigtailed and splice trays	Contact sales
WMHD6X-R-SC-72	Ribbon, 72 ports SC/UPC (6x 12-port SC plates), 3 m ribbon mass fusion pigtailed and splice trays	Contact sales
WMHD6X-R-LC-24	Ribbon, 24 ports LC/UPC (2x 12-port LC plates), 3 m ribbon mass fusion pigtailed and splice trays	Contact sales
WMHD6X-R-LC-48	Ribbon, 48 ports LC/UPC (4x 12-port LC plates), 3 m ribbon mass fusion pigtailed and splice trays	Contact sales
WMHD6X-R-LC-72	Ribbon, 72 ports LC/UPC (6x 12-port LC plates), 3 m ribbon mass fusion pigtailed and splice trays	Contact sales
WMHD6X-R-LC-144	Ribbon, 144 ports LC/UPC (6x 24-port LC plates), 3 m ribbon mass fusion pigtailed and splice trays	Contact sales
WMHD6X-R-LA-144	Ribbon, 144 ports LC/APC (6x 24-port LC plates), 3 m ribbon mass fusion pigtailed and splice trays	Contact sales
WMHD6X-A-LC-144	Adaptors only: 144 ports LC/UPC (6x 24-port LC plates); no pigtailed, no splice trays	Contact sales
WMHD6X-E	Empty enclosure: no adaptor plates, pigtailed or splice trays	Contact sales
Custom	Other connectors, polishes, fiber types and port counts within capacity, configured to order	Contact sales

HOW TO READ THE PART NUMBER WMHD6X-L-LC-72 = loose tube, LC/UPC, 72 fibers

FIBER STYLE

L 900 µm loose tube pigtailed
R ribbon pigtailed
A adaptor plates only, no pigtailed or trays
E empty enclosure (WMHD6X-E, no suffix)

CONNECTOR / POLISH

LC LC/UPC · **LA** LC/APC
SC SC/UPC · **SA** SC/APC

TRAILING NUMBER

Fiber count; port count
on A builds

FIBER TYPE

Singlemode is standard;
multimode available on request.

Contact sales for pricing. Test data and certificate of conformance available on request. Specifications subject to change. Rev A · 2026-10.