

INFINIUM™ HD

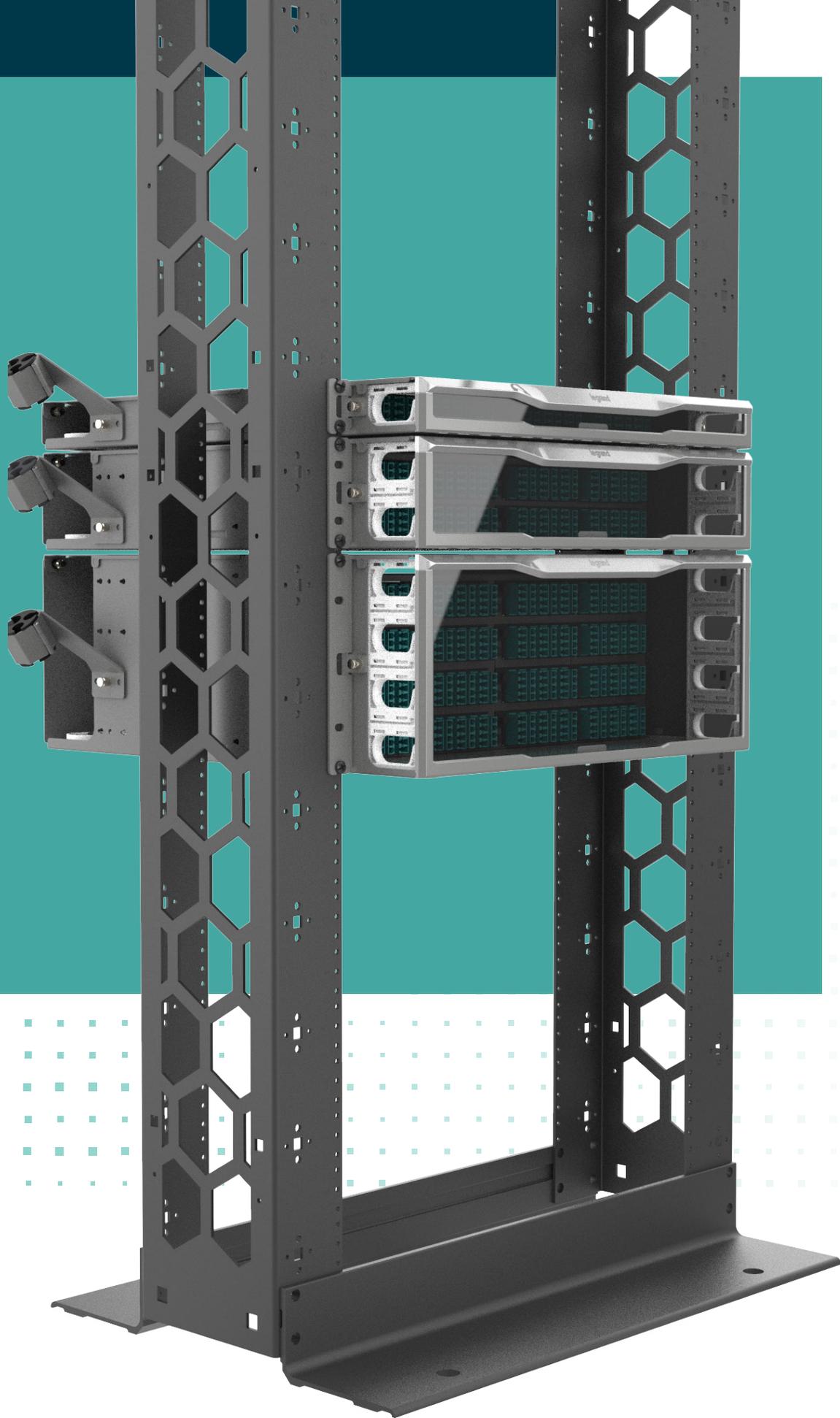
FIBER ENCLOSURE



**DESIGNED TO SIMPLIFY
INSTALLATION AND
IMPROVE EXPERIENCE**

designed to be better.™

 **legrand**®



DESIGNED TO GROW WITH THE NETWORK

INFINIUM™ HD FIBER ENCLOSURE

The Infinium HD Fiber Enclosure is an ideal solution for fiber networks in data centers and building networks. The high-density footprint accommodates up to 96 fibers in 1U of rack space. This enclosure has many innovative features designed with the installer, contractor, and network professional in mind, providing a simplified process when installing or working within the enclosure.

- High Density, up to 96 LC connectors in 1U of rack space
- Available in 1U, 2U, and 4U
- Integrated LED lighting and white tray
- Forward-sliding label card
- 60/40 split tool-less top cover
- Tool-less cable attachment arms
- Pivot arms for fiber slack management
- Data center compliant packaging
- Magnesium color scheme
- Available with M4 (Base-12) or M8 (Base-8) drawer faces



1U Enclosure

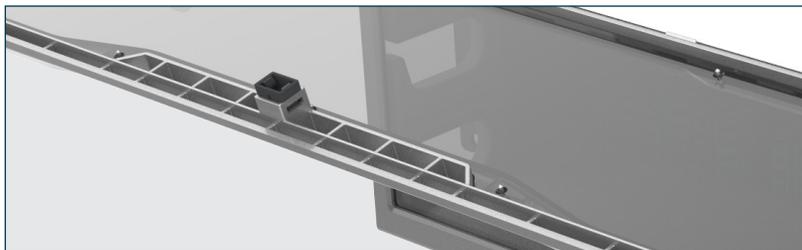
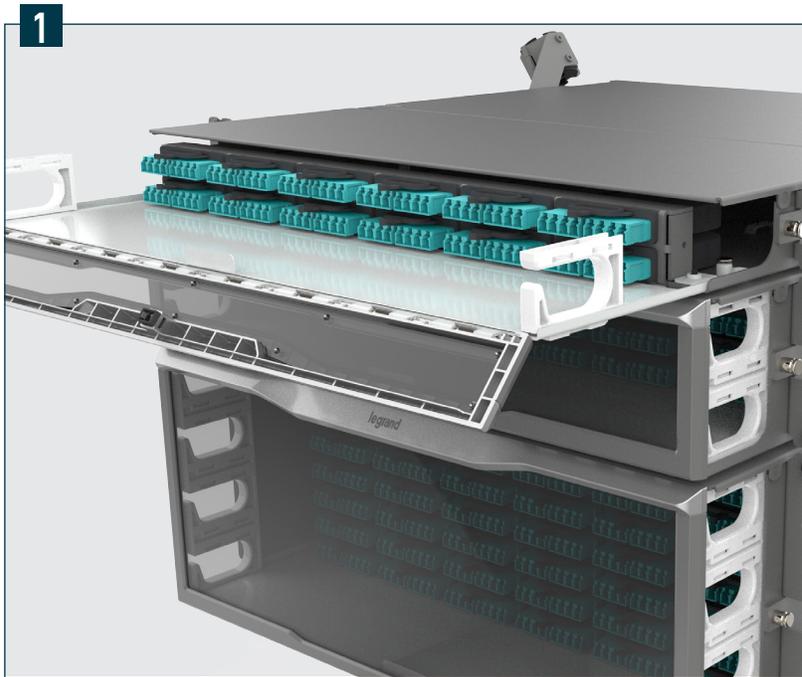


2U Enclosure



4U Enclosure

FEATURES & BENEFITS



1 BETTER ACCESSIBILITY:

The 'push to open' latching mechanism of the enclosure door enables a single touch to open, and a simple push to close.

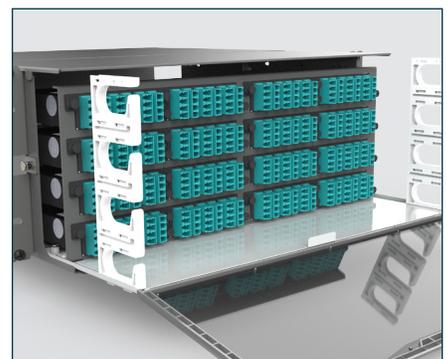
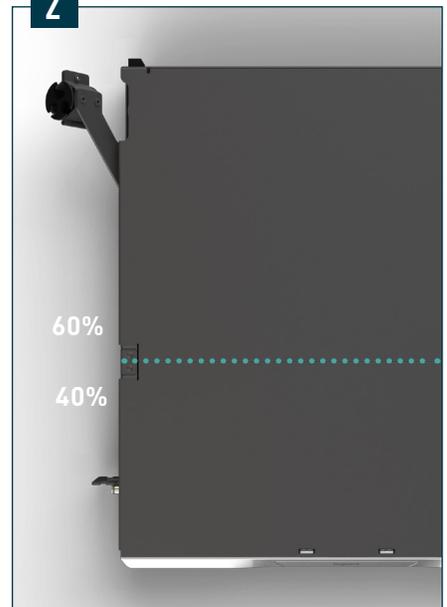
The enclosure door is attached to the sliding drawer face and tray allowing for easy clearance from equipment or other enclosures mounted below. A tray lock mechanism ensures that the tray stays in place when patching or dressing the fiber. The 60/40 split-top cover allows access from above and features tool-less removal.

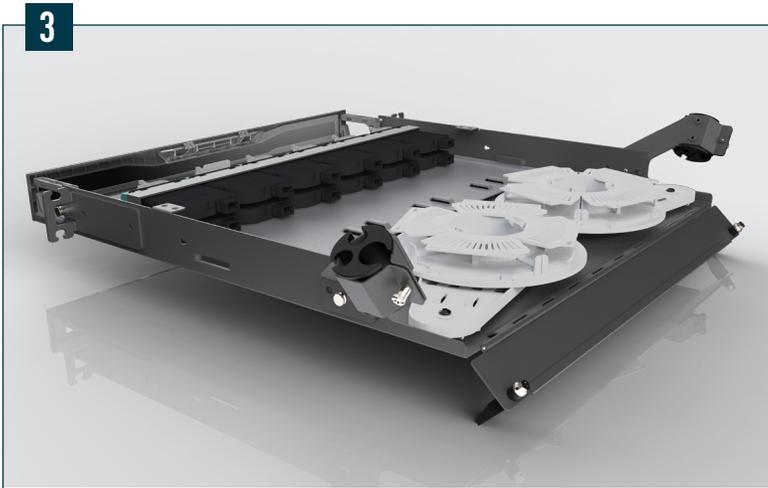
2

INCREASED VISIBILITY:

A white tray in the front and integrated LED lighting in the rear, along with the split-top cover, provide maximum visibility when working within the enclosure.

2

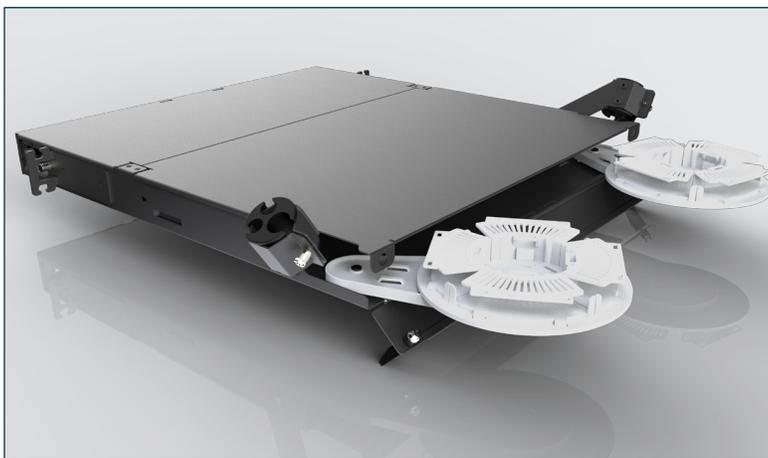




3

INTUITIVE CABLE MANAGEMENT:

The unique pivot arms provide an innovative way to manage fiber slack storage. Each arm rotates out towards the rear of the enclosure and hosts a pivot disk that may be used with slack storage spools, fan-out kits, or attachment points for securing the Legrand HiLOC harness. The Cable Attachment brackets feature tool-less adjustments for location based on which direction the cable is routed - either side of the enclosure, top or bottom. Simply make the adjustment for cable routing, load the grommet around the cable(s) and close the attachment cover.

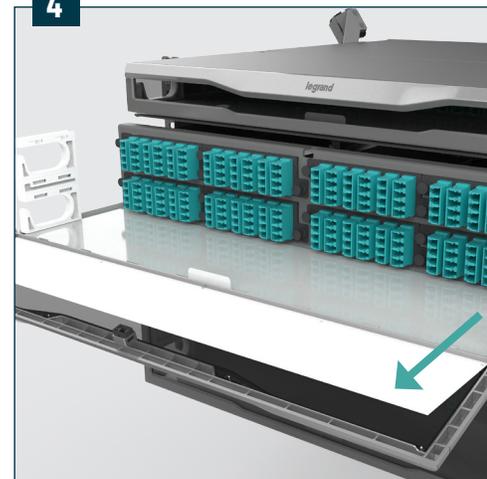


4

EASIER LABELING:

The label card is incorporated into the front tray, slides forward, and locks in place for easy access to label each port. Templates created for both Brother and Dymo printers are available for download.

4



FEATURES & BENEFITS



6 IMPROVED AND SUSTAINABLE PACKAGING:

Each enclosure is shipped in “bubble bag” packaging that is data center compliant, includes an easy to carry handle, and is fully recyclable.



5

GREATER SCALABILITY:

The scalable jumper management allows layers of management to be added only when needed, making it easy to keep patch cords neatly organized.

The drawer faces are removable and replaceable allowing the enclosure to easily convert between M4 and M8 cassette and adapter footprints. This allows the enclosure scalability to support increasing bandwidth and higher speed requirements that utilize different cables, cassettes, or adapters.



7 EASE OF INSTALLATION:

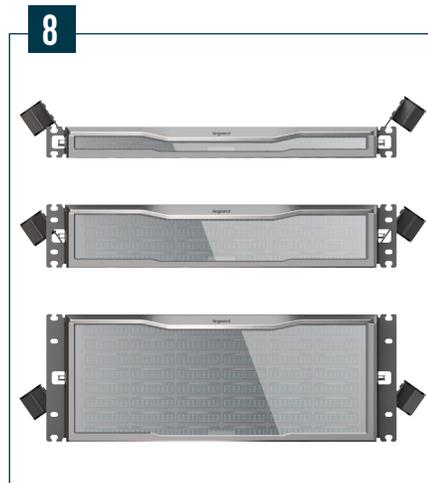
A single screwdriver is the only tool required for installing the enclosure in a rack. The mounting brackets are easily adjusted for either a forward or flush mount position for the enclosure.

The open-ended design of the mounting brackets, allows the enclosure to be installed by one person. Simply pre-mount the rack screws at the proper location on the rack, place the enclosure's mounting brackets on the pre-mounted screws to hold it in place, then tighten the screws.

8

BEAUTIFUL AESTHETICS:

This enclosure features sleek styling that matches the design of Legrand racks, cabinets and other data center products and solutions, and a magnesium color scheme that fits in all data center environments.



INFINIUM™ HD FIBER ENCLOSURE

Each enclosure is sold as a complete solution including drawer face, cable attachment, LED lights, label card, top cover, pivot arms and disks, jumper management, and grommets.

ENCLOSURE FOR TRADITIONAL BASE-12 APPLICATIONS (M4 DRAWER FACE):

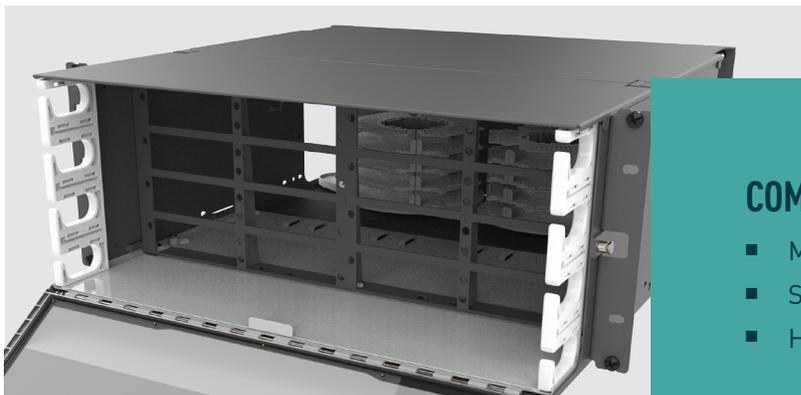
These enclosures come preconfigured with an M4 drawer face. As the needs of the network change, the drawer face of this enclosure may be easily swapped with a M8 drawer face.

| ITEM NUMBER | DESCRIPTION |
|-------------|--|
| INFC01U-M4 | 1U Infinium High Density (HD) Enclosure, Includes M4 Drawer Face |
| INFC02U-M4 | 2U Infinium High Density (HD) Enclosure, Includes M4 Drawer Face |
| INFC04U-M4 | 4U Infinium High Density (HD) Enclosure, Includes M4 Drawer Face |

M4 REPLACEMENT DRAWER FACES:

These replacement drawer faces may be swapped with an M8 drawer face in an enclosure for support of M4 cassettes, splice cassettes, or HDFP adapter panels.

| ITEM NUMBER | DESCRIPTION |
|--------------|---|
| INFDRW01U-M4 | 1U, M4 Drawer Face for Infinium High Density (HD) Enclosure |
| INFDRW02U-M4 | 2U, M4 Drawer Face for Infinium High Density (HD) Enclosure |
| INFDRW04U-M4 | 4U, M4 Drawer Face for Infinium High Density (HD) Enclosure |



INFC04U-M4:
4U Enclosure with M4 Drawer Face

COMPATIBILITY:

- M4 Cassettes
- Splice Cassettes
- HDFP Adapter Panels

ENCLOSURE FOR BASE-8 APPLICATIONS (M8 DRAWER FACE):

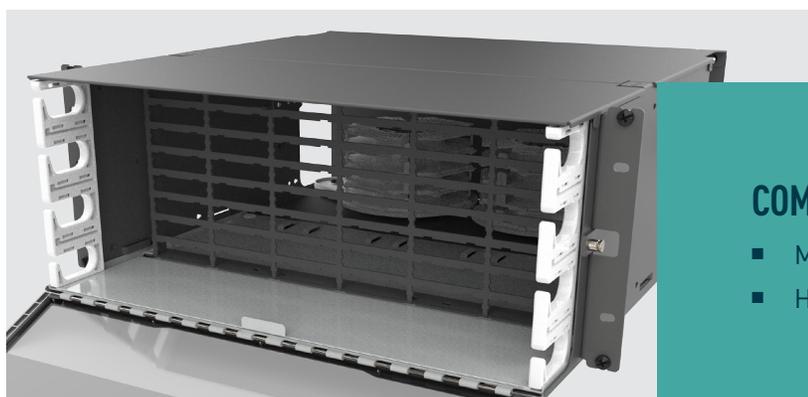
These enclosures come preconfigured with an M8 drawer face. As the needs of the network change, the drawer face of this enclosure may be easily swapped with a M4 drawer face.

| ITEM NUMBER | DESCRIPTION |
|-------------------|--|
| INFC01U-M8 | 1U Infinium High Density (HD) Enclosure, Includes M8 Drawer Face |
| INFC02U-M8 | 2U Infinium High Density (HD) Enclosure, Includes M8 Drawer Face |
| INFC04U-M8 | 4U Infinium High Density (HD) Enclosure, Includes M8 Drawer Face |

M8 REPLACEMENT DRAWER FACES:

These replacement drawer faces may be swapped with an M4 drawer face in an enclosure for support of M8 cassettes or HD8FP adapter panels.

| ITEM NUMBER | DESCRIPTION |
|---------------------|---|
| INFDRW01U-M8 | 1U, M8 Drawer Face for Infinium High Density (HD) Enclosure |
| INFDRW02U-M8 | 2U, M8 Drawer Face for Infinium High Density (HD) Enclosure |
| INFDRW04U-M8 | 4U, M8 Drawer Face for Infinium High Density (HD) Enclosure |



INFC04U-M8:
4U Enclosure with M8 Drawer Face

COMPATIBILITY:

- M8 Cassettes
- HD8FP Adapter Panels

M4 DRAWER FACE COMPATIBLE CASSETTES

M4 CASSETTES FOR BASE-12 APPLICATIONS:

These high-density cassettes fit within the M4 drawer face and contain either 8, 16 or 24 fibers. The cassettes breakout single or dual MPO connections in the rear to LC duplex or quad connections in the front. The cassettes are available in either single-mode (OS2) or multimode (OM1, OM2, OM3, OM4) fiber types, and feature plunger/grommet fasteners for installation.

| ITEM NUMBER | DESCRIPTION |
|------------------------|--|
| M4LCQ24-50EA2A2 | M4 Cassette, 24 Fiber, LC Quad, MPO(M), Tier 2, OM3 |
| M4LCQ24-09A1A2 | M4 Cassette, 24 Fiber, LC Quad, MPO(M), OS2 |
| M4LCD12-50E | M4 Cassette, 12 Fiber, LC Dup, MPO(M), Tier 2, OM3 |
| M4LCQ24-50EA3A2 | M4 Cassette, 24 Fiber, LC Quad, MPO(M), Tier 3, OM4+ |

*For the full list of our M4 Cassettes visit, www.legrand.us/infinium-hd



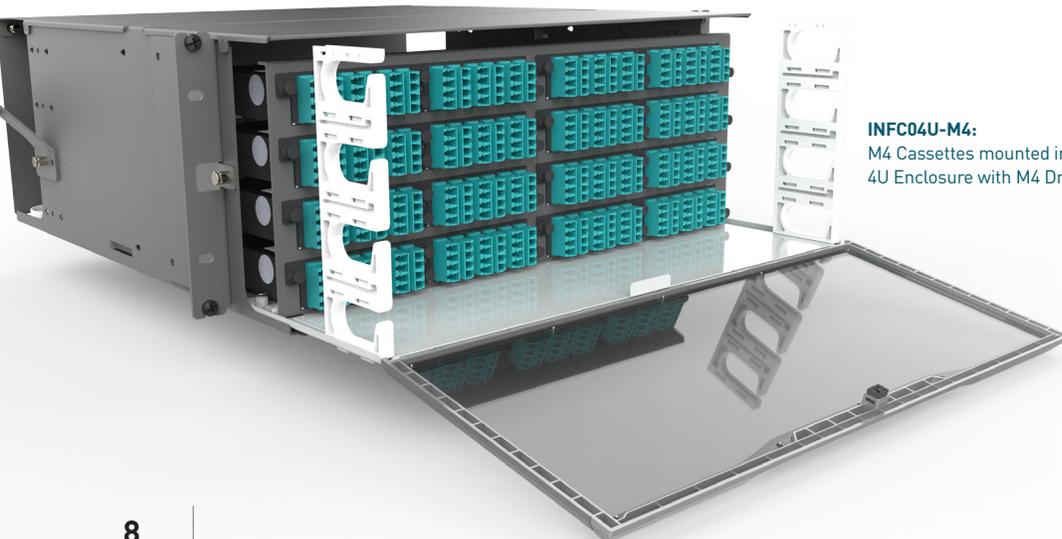
M4LCQ24-50EA2A2



M4LCQ24-09A1A2



M4LCD12-50E



INFC04U-M4:
M4 Cassettes mounted in the
4U Enclosure with M4 Drawer Face

SPLICE CASSETTES:

These high-density splice cassettes fit within the M4 drawer face and enable fast field termination and provide cable management within the cassette housing. They contain either 12 or 24 fibers for use with multimode OM3 or single-mode OS2 fiber types. The front of the cassettes offers LC duplex, LC quad or SC duplex ports. The cassettes feature a laser cleaved pigtail from the factory and support fusion splicing of individual or ribbon fibers, with heat shrinks, pigtail slack, and cable slack managed within the cassette itself.

M4

| ITEM NUMBER | DESCRIPTION |
|-----------------|--|
| M4LCD12-09S1A1 | M4 Splice Cassette, 12 Fiber, LC Duplex, OS2 |
| M4LAD12-09S1A1 | M4 Splice Cassette, 12 Fiber, LC Angled Duplex, OS2 |
| M4LCD12-50ES2A1 | M4 Splice Cassette, 12 Fiber, LC Duplex, OM3, Tier 2 |
| M4LCD12-50ES3A1 | M4 Splice Cassette, 12 Fiber, LC Duplex, OM3, Tier 3 |
| M4LCQ24-09R1A1 | M4 Splice Cassette, 24 Fiber, LC Quad, OS2 |
| M4LAQ24-09R1A1 | M4 Splice Cassette, 24 Fiber, LC Angled Quad, OS2 |
| M4LCQ24-50ER2A1 | M4 Splice Cassette, 24 Fiber, LC Quad, OM3, Tier 2 |
| M4LCQ24-50ER3A1 | M4 Splice Cassette, 24 Fiber, LC Quad, OM3, Tier 3 |
| M4SCD12-09S1A1 | M4 Splice Cassette, 12 Fiber, SC Duplex, OS2 |
| M4SAD12-09S1A1 | M4 Splice Cassette, 12 Fiber, SC Angled Duplex, OS2 |
| M4SCD12-50ES2A1 | M4 Splice Cassette, 12 Fiber, SC Duplex, OM3, Tier 2 |
| M4SCD12-50ES3A1 | M4 Splice Cassette, 12 Fiber, SC Duplex, OM3, Tier 3 |



M4LCQ24-09R1



M4LCD12-50ES2A1



M4LAQ24-09R1A1

M4 DRAWER FACE COMPATIBLE ADAPTER PANELS

HDFP ADAPTER PANELS:

These high-density panels fit within the M4 drawer face and provide a pass-through connection with LC duplex, LC quad, or MPO ports, and feature plunger/grommet fasteners.

| ITEM NUMBER | DESCRIPTION |
|--------------|---|
| HDFP-LCD12AC | HDFP Adapter Panel, 12 Fiber, LC Dup, Blue, OS2 |
| HDFP-LCD12CC | HDFP Adapter Panel, 12 Fiber, LC Angled Dup, Green, OS2 |
| HDFP-LCD12LC | HDFP Adapter Panel, 12 Fiber, LC Dup, Aqua, OM3 |
| HDFP-LCQ24AC | HDFP Adapter Panel, 24 Fiber, LC Dup, Blue, OS2 |
| HDFP-LCQ24LC | HDFP Adapter Panel, 24 Fiber, LC Dup, Aqua, OM3 |
| HDFP-BLANK | HDFP Adapter Panel, Blank |



HDFP-LCD12AC



HDFP-LCD12CC



HDFP-LCD12LC



HDFP-LCQ24AC



HDFP-LCQ24LC



HDFP-BLANK

M8 DRAWER FACE COMPATIBLE CASSETTES

M8 CASSETTES FOR BASE-8 APPLICATIONS:

These high-density cassettes fit within the M8 drawer face and contain 8 fibers. The cassettes breakout a single MPO port in the rear to LC quad ports in the front. The cassettes are available in either single-mode (OS2) or multimode (OM3) fiber types, and feature a latching mechanism for easier installation.

M8

| ITEM NUMBER | DESCRIPTION |
|-----------------|---|
| M8LCQ08-50EE3G1 | Cass, M8, 08F, MPO(F)-LC, Quad, OM4, T3, A |
| M8LCQ08-09E1G1 | Cass, M8, 08F, MPO(F)-LC, Quad, OS2, T1, A |
| M8LAQ08-09E1G1 | Cass, M8, 08F, MPO(F)-LCA, Quad, OS2, T1, A |



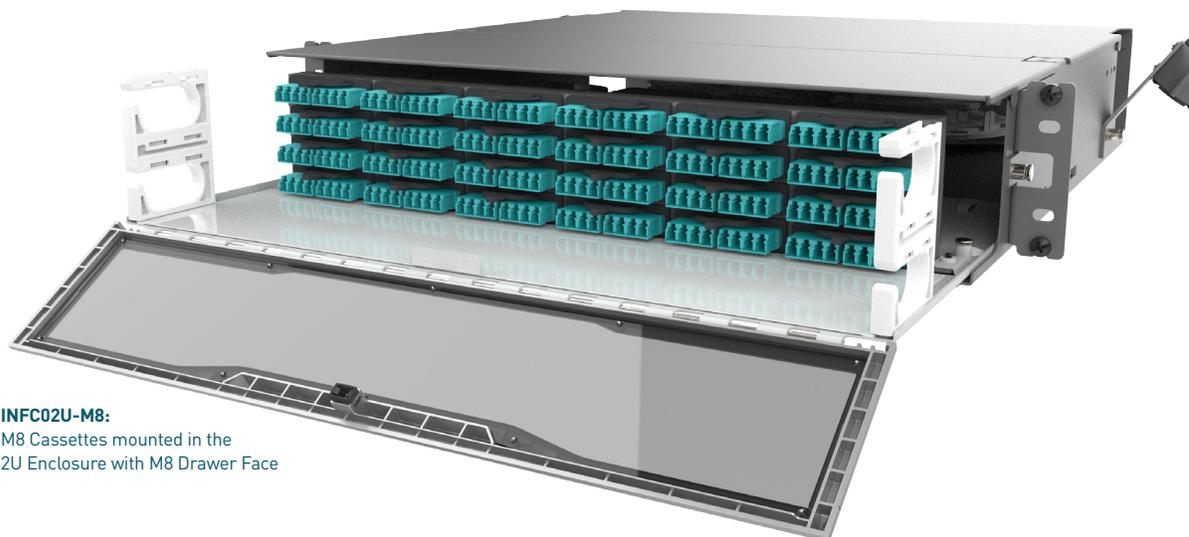
M8LCQ08-50EE3G1



M8LCQ08-09E1G1



M8LAQ08-09E1G1



INFC02U-M8:
M8 Cassettes mounted in the
2U Enclosure with M8 Drawer Face

M8 DRAWER FACE COMPATIBLE ADAPTER PANELS

HD8FP ADAPTER PANELS:

These high-density panels fit within the M8 drawer face and provide a pass-through connection with LC duplex ports, and feature a latching mechanism for easier installation.

| ITEM NUMBER | DESCRIPTION |
|---------------|---|
| HD8FP-LCQ08AC | M8 HDFP Adapter Panel, 2 LC Quad, Blue |
| HD8FP-LCQ08CC | M8 HDFP Adapter Panel, 2 LC Quad, Green |
| HD8FP-LCQ08LC | M8 HDFP Adapter Panel, 2 LC Quad, Aqua |



HD8FP-LCQ08AC



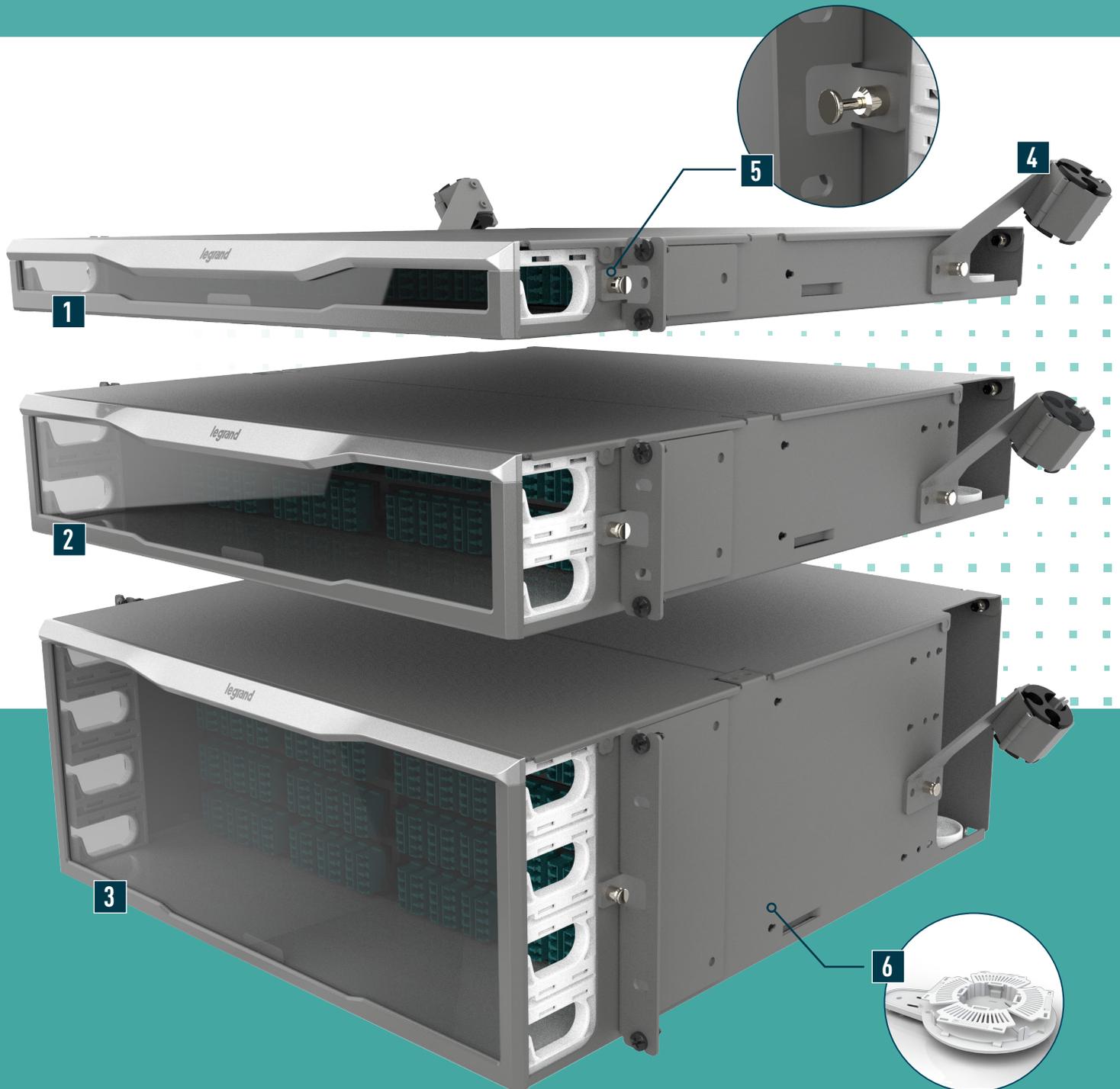
HD8FP-LCQ08CC



HD8FP-LCQ08LC

INFINIUM HD ENCLOSURE FEATURES :

- 1U Enclosure**, with compatible M4 or M8 Drawer Faces
- 2U Enclosure**, with compatible M4 or M8 Drawer Faces
- 4U Enclosure**, with compatible M4 or M8 Drawer Faces
- Cable Attachment brackets**, for top or bottom cable routing
- Open ended mounting brackets**, a single screwdriver for install
- Pivot arms**, for better fiber slack management





designed to be better.™



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