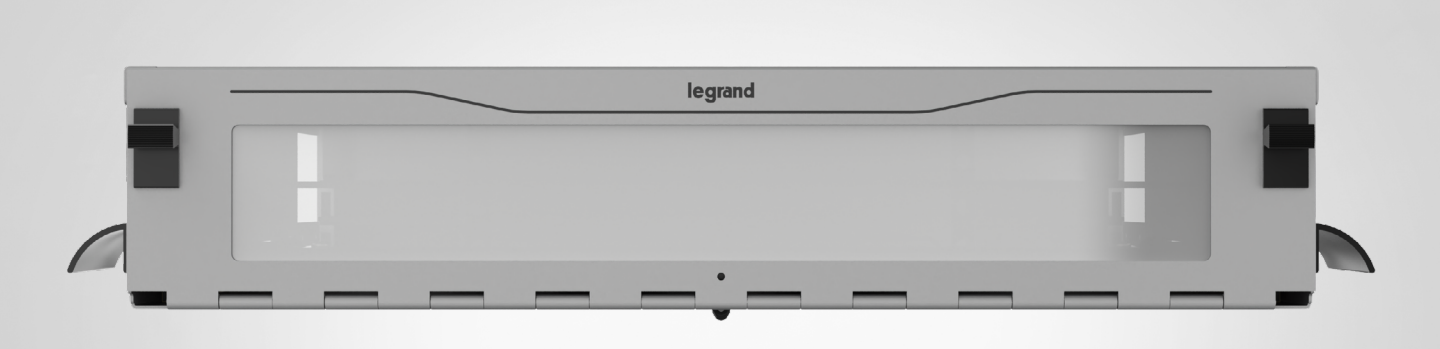



# Q-Series Magnesium High Density Rack-Mount Fiber Enclosure

## DESCRIPTION

The Q-Series Magnesium High Density (HD) Rack-Mount Fiber Enclosure is designed to deliver superior network performance, with a variety of densities and connector options for maximum compatibility. The enclosure's unique modular fiber solution is engineered with installation efficiency and performance in mind, providing proper fiber optic cable management, protection and organization for fiber patch cords, trunks, splices, and connectors. The clear Lexan window offers a clean, attractive aesthetic, enabling visibility to the cables without having to open the enclosure. This enclosure is compatible with all pre-terminated LM4 cassettes, M4 splice cassettes, HDFP adapter panels, and coordinated trunks, providing the flexibility to design and install in any application. This enclosure delivers a tremendous spectrum of densities and flexible configurations, from 96-fiber with LC connectivity to 192-fiber with MDC per Rack Unit (RU).

## APPLICATION

The Q-Series Magnesium, High Density Rack-Mount Fiber Enclosure supports optimal fiber organization, management, and protection for data centers and building network environments. The interchangeable snap-in fiber modules enable fiber optic patching, splicing, breakout, and termination, while delivering flexible cable management.

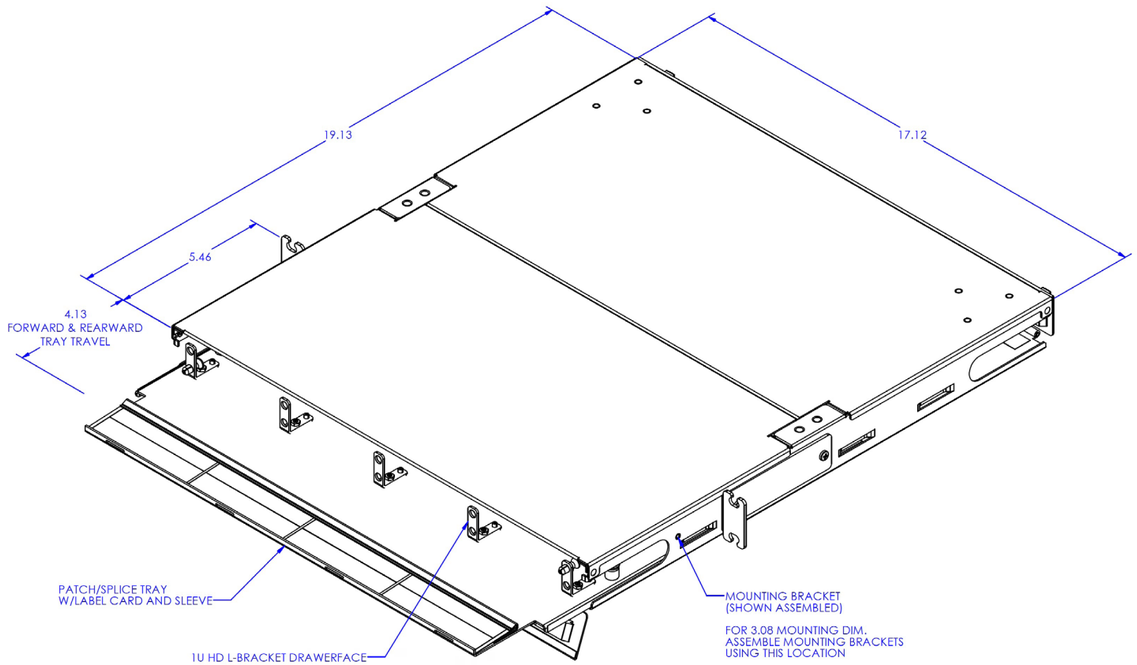
| Construction | |
|---|---|
| Type | Rack-Mount Fiber Enclosure |
| Mounting Style | Rack Mounting (EIA 310 19 in wide) |
| Access | Front and Rear Doors, 50/50 Removable Cover Panels |
| Doors | Front Door: Hinged, Lexan Window; Rear Door: Hinged, Solid Steel |
| Color | Magnesium |
| Enclosure Type | Unloaded |
| Module Capacity | 4 |
| Module Compatibility | LM4 & M4 (Cassette); HDFP (Adapter Panel) |
| Country of Origin | China |

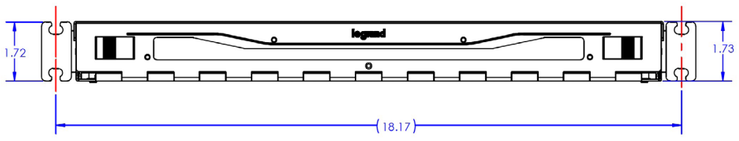
| Physical Properties | |
|---|---|
| Frame Material Type | 16 & 18 Gauge Cold Rolled Steel Sheet Metal |
| Finish | Powder Coat |
| Accessories | Mounting Hardware, Accessories, and Label Card Included |
| **Dimensions** | **Height x Width x Depth (Inches)** |
| 1 RU | 1.73 x 17.12 x 19.13 |
| 2 RU | 3.48 x 17.12 x 19.13 |
| 4 RU | 6.98 x 17.12 x 19.13 |

| Standards | |
|---|---|
| Materials | RoHS |
| Technical | EIA-310-E |

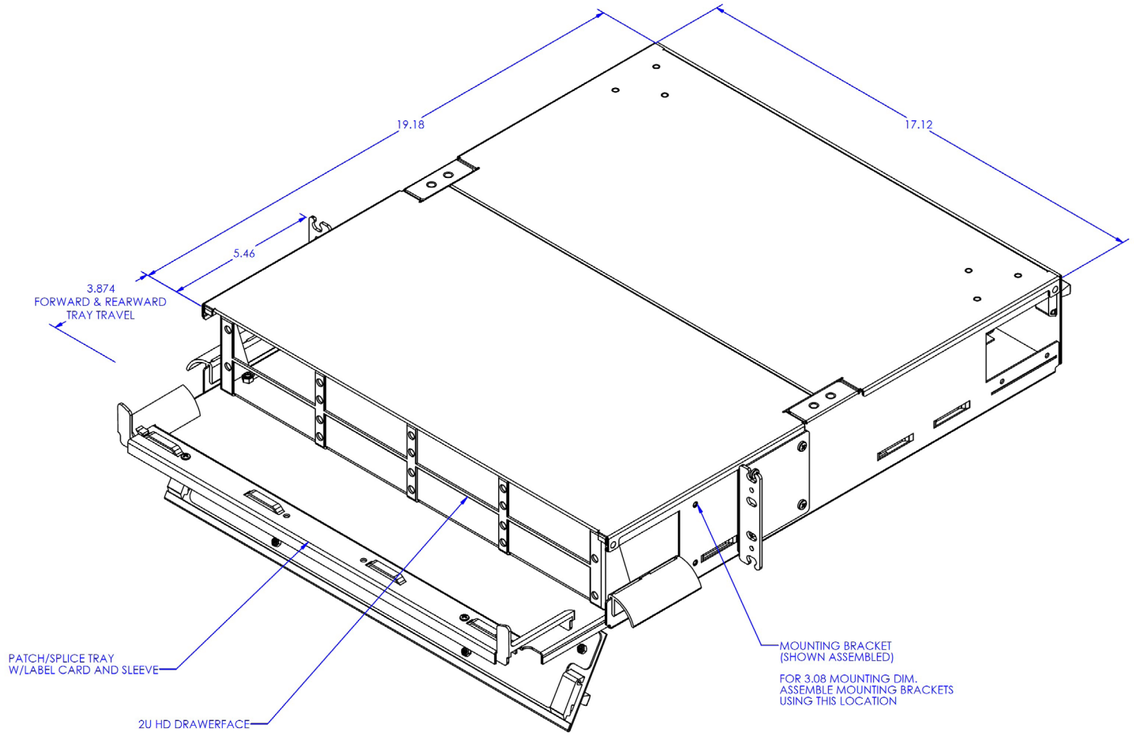
| Splice Options | | |
|---|---|---|
| Description | Part Number | Max Quantity |
| 12 Fiber Tray | FST2-F012 | 1RU (2 Trays); 2RU (7 Trays); 4RU (16 Trays) |
| 48 Fiber Tray | FST3-F048 | 1RU (2 Trays); 2RU (4 Trays); 4RU (11 Trays) |
| Pigtail Cassette | LM4 Configuration | 4 per RU |
| Splice Cassette | M4 Configuration | 4 per RU |

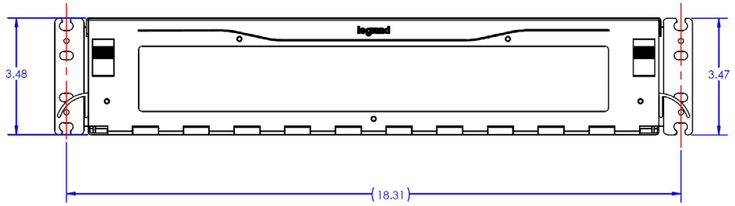
| Ordering Information | |
|---|---|
| EQ01U-KHL-M | 1 RU, Q-Series Magnesium High-Density Rack-Mount Fiber Enclosure |
| EQ02U-KHL-M | 2 RU, Q-Series Magnesium High-Density Rack-Mount Fiber Enclosure |
| EQ04U-KHL-M | 4 RU, Q-Series Magnesium High-Density Rack-Mount Fiber Enclosure |




**EQ01U-KHL-M**

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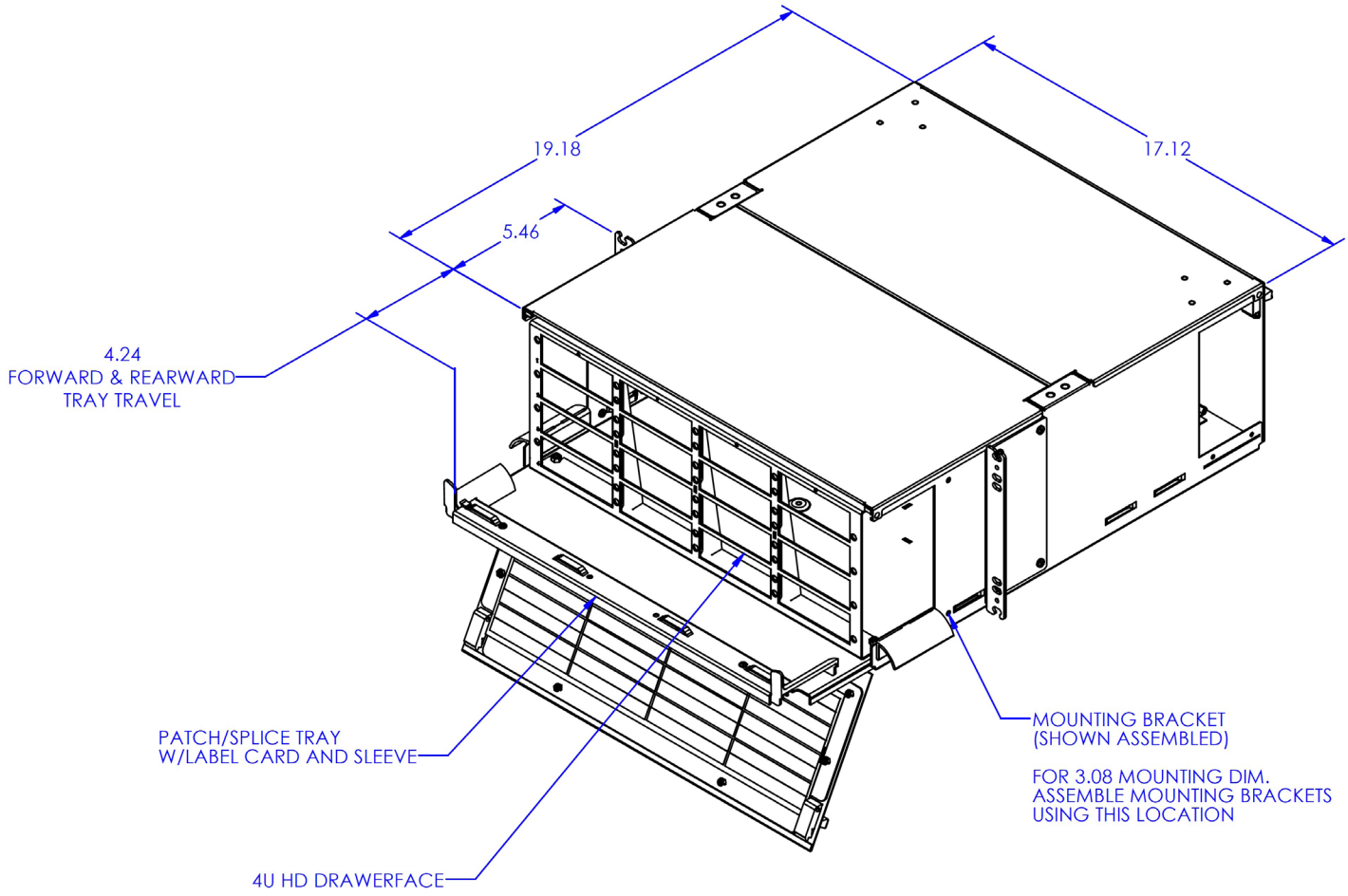


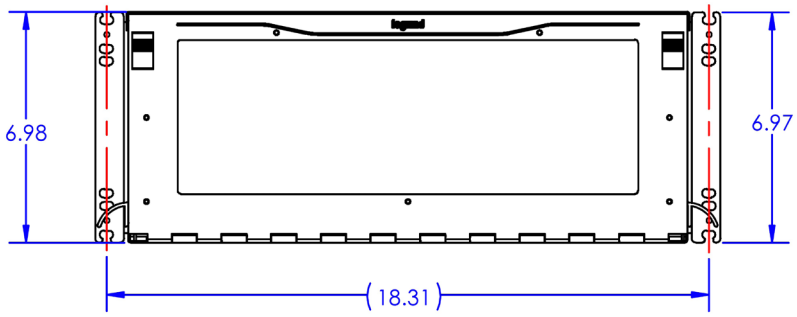


**EQ04U-KHL-M**

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