



The Q-Series Magnesium High Density (HD) 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 acrylic door provides a clean and beautiful aesthetic while 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).

Features & Benefits

Enhanced Visibility: A clear acrylic door and magnesium paint, along with the split-top cover, provide improved visibility when working within the enclosure.

Density Options To Meet Every Challenge: Up to 768 fibers/RU (24F MPO), 192 fibers/RU (acclAIM & MDC), and 96 fibers/RU (LC) — scalable solutions to match any fiber density requirement.

Connectivity Options: Q-Series HD Enclosure supports LC, MDC, SC, MPO, and acclAIM—ideal for wiring closets to data centers. acclAIM offers cassette-free, low-loss, high-efficiency multifiber connectivity with simplified design and installation.

Rugged Reliability: The all-steel construction has been engineered to hold up under the rigors of long-term use, moves, adds, and changes, which ensures that the life cycle can match the flexibility of the connectivity.

Maximize Versatility & Performance: One enclosure supports the widest range of densities, flexible configurations, top-tier performance across all fiber classes, and connectivity options for any data center or building network application.

Straightforward Splicing: High-performance splicing bridges bulk fiber and connectivity. Options include splice cassettes, pigtailed, trays, and splice-on connectors—ideal when pre-terminated solutions aren't feasible.

Simplified Polarity: Q-Series HD uses universal polarity for correct cassette, pin, and gender every time. With acclAIM connectors, it eliminates polarity, pin, and gender concerns entirely—making deployment faster and error-free.

Specifications

General Info

Product Line	Ortronics	Color	Magnesium
Finish	Powder Coat	UPC Number	662875108757
Country Of Origin	China	Features	Removable Cover

Application Sector	Commercial, Data Center	Type	Enclosure
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Dimensions

Product Width US	17.12 in	Product Weight US	19.0 lb
Product Depth US	19.13 in	Product Height US	1.73 in

Listing Agencies / 3rd Party Agencies

CE Certified	Yes	REACH Compliant	Yes
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Additional Information

RoHS Compliant	Yes	Energy Savings	No
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Technical Information

Fiber Optic Cable Type	OM4, OM5, OS2	Compatibility	HDFP, LM4, M4
Single/Multimode	Multimode/Single-mode	Capacity	4 Modules
Fiber Density	HD	Panel Configuration	Unloaded
Mounting	Rack Mount	Connectivity Footprint	Q-Series High Density
