H Series

Maximize floor space with a <300mm shallow-depth, all front-access, cassette-based solution

H-Series by AFL Hyperscale is the first modular connectivity solution developed with colocation data centers in mind. The H-Series future-proofs colocation fiber networks, speeds up deployment time, lowers the cost of installation, reduces network complexity, and increases revenue by leaving more space for customers along with the capability to bring them online faster than ever.

Designed for shallow-depth applications, the H-Series takes up less floor space, comprising easy-to-install, <300mm housings that can be mounted in shallow-depth racks or bayed back-to-back.

Across the globe, the H-Series is forming the foundation for flexible, scalable networks capable of delivering fiber to every corner of the data hall or customer area with ease and efficiency.

View full solution here

Versatility
Versatile connectivity solution suitable for a range of low-latency network applications

Flexible configurations
Flexible connectivity options across a range of front-loading, front-access cassettes

Global consistency
Enable network standardization with globally available products

End-to-end solution
Complete your installation with fiber raceway, as well as racks, cabinets, or frames

Scalability
Shallow depth modular housing for a scalable, high-density network

Easy maintenance
Designed for efficient network installation, management, reconfigurations, and maintenance

High-performance network
Connect your network with ground-breaking SpiderWeb Ribbon® cable or customizable, end-to-end, high-performance fiber assemblies

Product Overview

H-Series 7RU Housing

- 7RU housing can accommodate 24 H-Series cassettes and a total of 576 LC ports
- Available unloaded, allowing you to add cassettes as your network grows
- Housing is robust but made out of lightweight aluminum alloy, enabling one-person installation
- Slip-depth housing is ideal for shallow rack environments
- Easy access makes adding, removing, or swapping cassettes simple and straightforward

H-Series 7RU Cassettes

- Lightweight aluminum, strong and slim cassette profile
- Segregated incoming and outgoing fiber access for efficient installation and maintenance
- Easily accessible LC and MPO adapters available
- Front-loading cassettes only with secure mounting and unmounting clips
- Easily removable screws for splicing or loading cable

| 24f LC Ribbon/ Single Splice Cassette | Pass-Through Cassette | Splice Only Cassette | MPO – LC Cassette BASE-12 24f | MPO Cassette BASE-12 144f |

H-Series 4RU Housing and Splice-Through Cassette

The H-Series 4RU Housing and Splice-Through Cassette breaks down high-fiber counts to low-fiber counts for distribution across the data hall.

- Suitable for use in a shallow-rack environment (<300mm)
- Strong, lightweight for one-person installation
- Housing is 4RU in total with integrated cable management top and bottom
- All-front access allows flush mounting against a wall, maximizing floor space
- Scale as you grow with space for 24 4RU H-Series Splice-Through Cassettes
- Each cassette holds a maximum of 48 ribbon fibers or 24 single fibers

About AFL Hyperscale

AFL Hyperscale is the first cabling and connectivity solution provider focused on the ever-evolving needs of data centers. With over 70 years' experience in the design and manufacture of high-performance optical fiber networks, we pride ourselves on understanding the challenges our customers face and are dedicated to helping them deliver their services to create a more connected world.

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