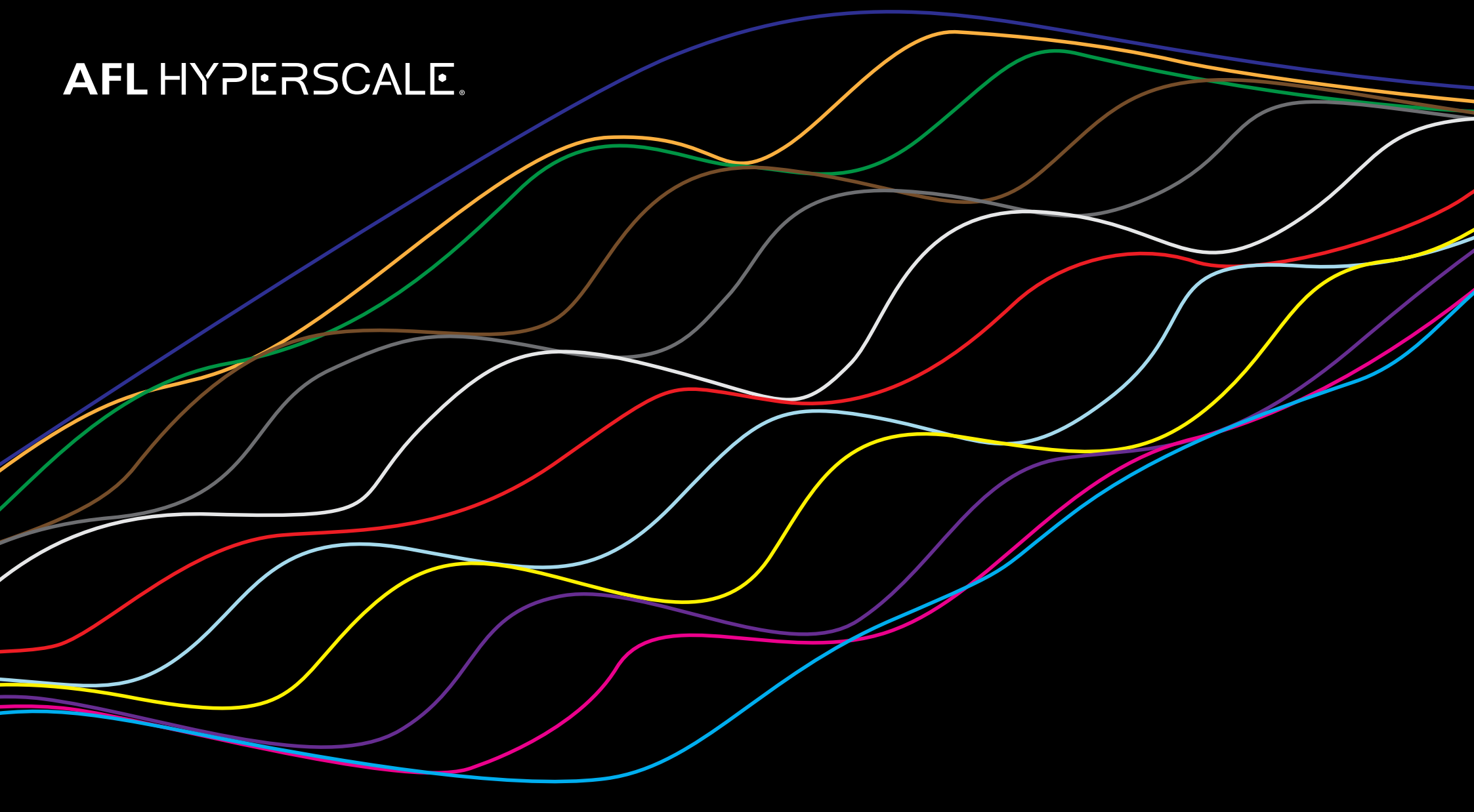


**AFL HYPERSCALE**



**ULTRA HIGH FIBER COUNT  
MANAGEMENT SOLUTIONS**

**N:M**  
technology  
SOLUTIONS

# AFL HYPERSCALE®



The AFL Hyperscale Ultra-High Fiber Count Solution presents a new, innovative method for data centers to connect and inter-connect with ultra-high fiber count cable (using AFL SpiderWeb Ribbon® technology), and simplify cable management across and between data centers, from cable entry, to the customers space - using practical, high-density connectivity methods including splicing, patching and or blowing to ensure a convenient and fast deployment.

This guide takes a look at the fiber management products that bring this ground-breaking solution together

## 3456 FIBER MASS FUSION SPLICE WALL CABINET



A cornerstone of our Ultra-High Fiber Count Solution, the brand new 3456 Fiber Mass Fusion Splice Wall Cabinet meets splicing and storage demands like no other and enables a fast and easy installation in a high fiber environment.

Connect outside plant high-fiber ribbon cables to inside plant high-fiber ribbon cables in your Cable Entry Rooms or Meet Me Rooms (MMRs) with this light-weight, space saving cabinet. Designed for one person installation, this cabinet is an excellent alternative to splicing in a frame, reducing installation time by up to 40% by mass fusion splicing 12 fibers at a time.

With flexible Cable entry and exit points, multiple cables can enter or exit at the top or bottom of the cabinet, with pass-through space for cable routing so multiple cabinets can be stacked as your network grows.

This cabinet also has the potential for padlock security, and is also available for none-ribbon optical fiber housing up to 864 fibers.



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## 6912 FIBER MASS FUSION SPLICE WALL CABINET



The brand new 6912 fiber mass fusion splice cabinet is designed for larger data centers offering great scalability and providing high density where space is at a premium.

The cabinet can be installed by one person, and with a built in, adjustable working tray, mass-fusion splicing 6912 fibers has never been simpler reducing installation time by up to 40% by splicing 12 fibers at a time.

With cable entry at the top and bottom, there is complete flexibility over cable routing. The splice cabinet features leaf style trays which allow 144 fiber mass fusion splices per tray and a raceway & manifold system ensures fiber is protected at all times.

This cabinet is designed with the connectivity requirements of hyperscale operators in mind. This cabinet also has the potential for padlock security, and is also available for none-ribbon optical fiber housing up to 1728 fibers.



## 6U MASS SPLICE & PATCH FRAME

Improve space management with the 864 LC Port 6U Mass Splice and Patch Frame.

With an angled front plate, cable installation and maintenance is simple, and horizontal cable management is not required. The 6U can accommodate both SWR ribbon cable as well as traditional ribbon cable.

With rear access via a latch mechanism, installation of fiber is made easy with splice trays designed for mass fusion ribbon splicing. A traditional leaf style splice tray stack ensure fully managed fiber routing from transition to splice tray whilst minimizing risk of bend losses.

The 6U Mass Splice and Patch Frame can be used in the Entry Room, Main Distribution or Zone Distribution Areas.

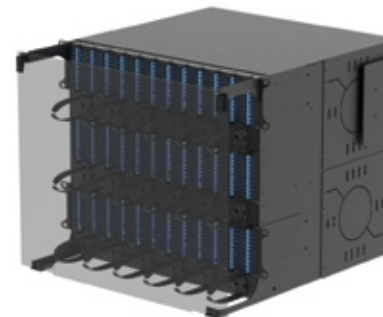
## 9U MASS SPLICE & PATCH FRAME

Achieve more ports in your physical layer with the 9U High Count Fiber (HCF) Mass Splice and Patch Frame. Housing 864 LC ports, the 9U frame is a high density rack mount management solution, with integrated horizontal cable management.

With plenty of rear access the splice panel ensures swift access and installation of fiber is made easy with splice trays designed for mass fusion ribbon splicing. The traditional leaf style splice trays ensure fully managed fiber routing from transition to splice whilst minimizing the risk of bend losses.

To the front of the frame, there are integrated mounting points for cable transitions ensuring appropriate management of breakout from cable to the splicing area. With added security in the form of a front screen for patch cord protection.

The 9U Mass Splice and Patch Frame can be used in the Entry Room, Main Distribution or Zone Distribution Areas.





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