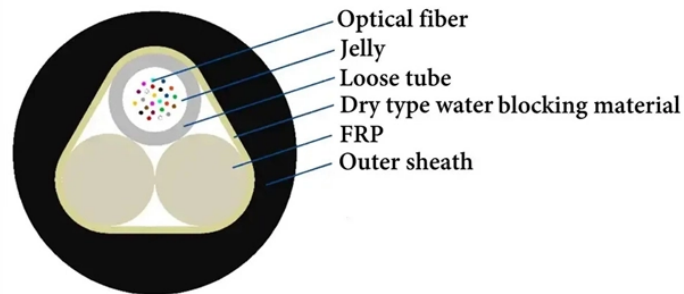


## Customization Process for New Optical Backplane Connectors for IDC Data Centers



### Overview

This webpage provides an in-depth look at PCB and Backplane Validation, explaining key processes, essential testing methods, and the benefits of robust validation during design, prototyping, and deployment. The modular, plug-and-play, high-speed Versatile Format Interconnect (VFI) Optical Backplane System supports co-packaged optics and scalable system growth for next-generation data centers and computing architectures. The versatile form factor and robust, blind-mating mechanical design support. Sanmina has high technology backplane fabrication and assembly facilities in North America, Mexico and Asia. Our facilities are compliant with key regulatory and safety standards including: ISO 9001, 14001, TL 9000, BABT, ETSI, GMP, UL, CSA, Mil-PRF-5110/31032 and Mil-A-28870. Combining engineering expertise with investment in the latest. Open. A wide range of options to meet the demands of any high-speed, high-density application.

## Customization Process for New Optical Backplane Connectors for ID



The LightCONEX<sup>®</sup> optical interconnect family includes plug-in and backplane module connectors that have been developed to be compliant with the forthcoming VITA 66.5 standard and in alignment with ...



Our experienced field (FAE) and customer engineering teams are on hand to ensure that your custom backplane system requirements are met in the most efficient manner.



We design, build and test customised Backplane & Midplane solutions for most of the global leaders in IT Datacom and Telecoms technology systems. We have products performing to 56gb/s today in the ...



The VPX Configurator will help you identify the connector content within a VPX slot, whether you are following a specific standard or building a custom solution using VPX architecture.



The modular, plug-and-play, high-speed Versatile Format Interconnect (VFI) Optical Backplane System supports co-packaged optics and scalable system growth for next-generation data centers and ...



Samtec's XCede® HD high-density backplane system features a small form factor ideal for density-critical applications, and a modular design for flexibility and customizable solutions.



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Open.Tech specializes in providing custom backplane assemblies with a focus on high-speed, high-density components that power them. Our expertise includes the design and manufacture of critical ...



Our in-house technical team has decades of experience with high speed backplane design, layout, mechanical and thermal design, signal integrity, power distribution and advanced connector selection.



Early in the design cycle, Amphenol helps customers understand important design trade-offs with integrated backplane system solutions that meet increasing bandwidth needs by optimizing ...

## Contact Us

For more information, pricing, or custom energy solutions, please contact us:

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