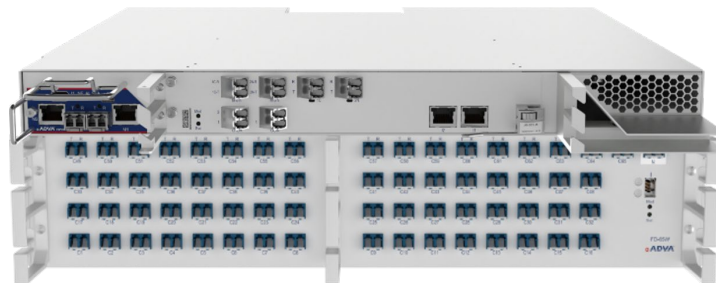


FSP 3000 open line system (OLS) optimized for 400ZR data center interconnect (DCI) High performance and operational simplicity for 400ZR DCI

At OFC 2023, Adtran is participating in demonstrations showcasing OIF work on 400ZR interoperability over a disaggregated Adtran FSP 3000 OLS optimized for OIF 400ZR DCI.

The Adtran FSP 3000 400ZR-optimized OLS provides an open, compact and cost-efficient optical layer engineered to meet metro terascale OIF 400ZR DCI demands. The FSP 3000 400ZR DCI OLS configuration has been designed not only for high-performance transport of OIF's 400ZR wavelengths but also for a high level of automation with integrated monitoring and diagnostic functions.

The FSP 3000 400ZR DCI OLS configuration consists of two key components: a high-power twin amplifier module and a 65-channel mux/demux filter compliant with OIF 400ZR optical channels. The high-power twin amplifier module includes pre- and post-amplification designed around OIF 400ZR specifications, enabling single-span reach up to 120km. Furthermore, it has integrated optical supervisory channel (OSC), optical channel monitoring (OCM), and OTDR functions for system, channel power, and fiber monitoring – all on a single card that fits in a 1RU data center shelf. The OIF's compliant mux/demux 65-channel filter with a 75GHz grid comes in a 2RU chassis. This makes the FSP 3000 400ZR-optimized OLS solution ideal for ultra-compact and cost-efficient 400ZR metro DCI applications.

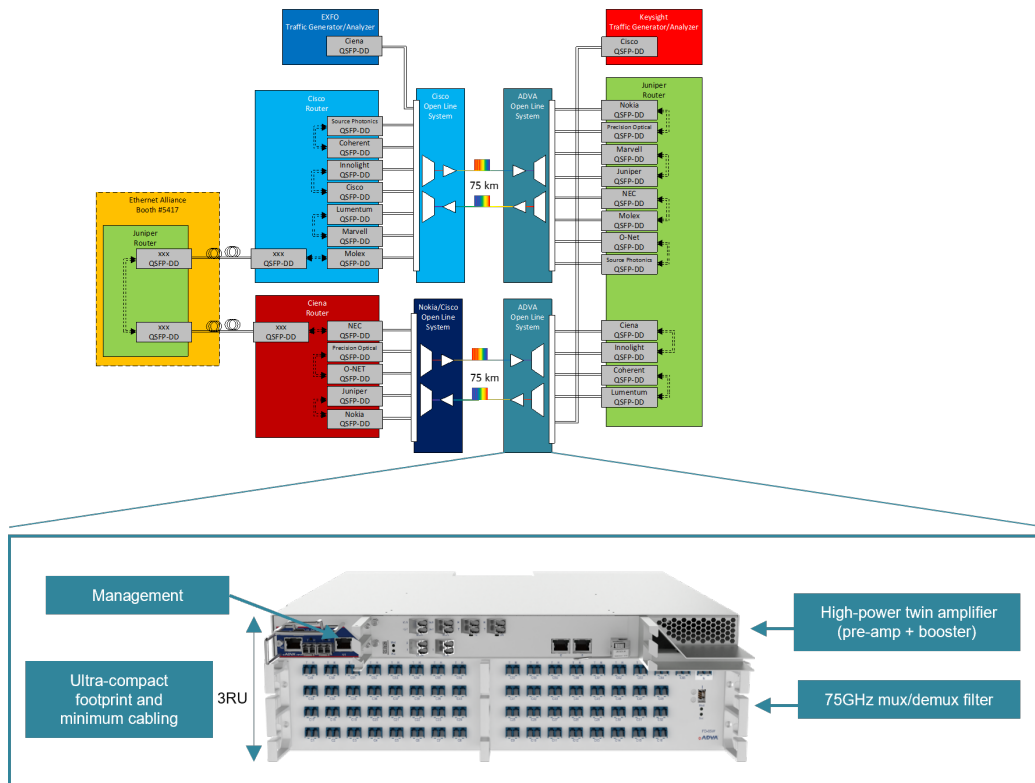


FSP 3000 OLS optimized for 400ZR DCI

Your benefits

- Open line system engineered to meet OIF 400ZR DCI demands; compatible with other formats
- Open hardware and open programmable interfaces (APIs)
- High performance for maximum capacity (26Tbit/s per fiber)
- High degree of integration and automation in a compact form factor (total 3RU height)
- Built-in OCM, OTDR and OSC functions for accurate and comprehensive channel, system and fiber monitoring

FSP 3000 400ZR-optimized OLS at the OIF 400ZR interoperability demonstration:



About Adtran

Adtran has the industry's most comprehensive fiber networking toolbox that empowers operators to build a converged infrastructure from metro core to customer premises. The company's solutions serve a wide range of networking applications including residential, business, wholesale and mobile. In 2022, Adtran merged with ADVA. Learn more at [adtran.com](https://www.adtran.com)