LUMENTUM

Lumentum Products Designed into OIF 400ZR and 800ZR Interop and CMIS Demos

400ZR Interoperability Demonstration

Lumentum is demonstrating its 0dBm 400ZR+ QSFP-DD transceivers in switch/router ports and test equipment, transmitting over an amplified 75GHz-spaced DWDM optical link adhering to the OIF 400ZR Implementation Agreement (IA).

The Lumentum 400ZR and OpenZR+ transceivers are designed to provide connectivity in DCI and other applications at a data rate of up to 400 Gbps. The electrical, thermal, and communication interfaces adhere to the OIF 400ZR IA and OpenZR+ MSA and are designed to work with the current generation of switches and routers supporting QSFP-DD and OSFP transceivers, enabling direct router-based IP over DWDM for customers looking to expand capacity and reach of their networks.

800ZR Interoperability Demonstration

Following several successful 400G ZR interoperability demonstrations, Lumentum is now showcasing its latest 800ZR OSFP and QSFP-DD transceivers in switch/router and test equipment ports showing interoperability between modules and compatibility with router interfaces.

Lumentum's 800ZR transceivers are designed to provide connectivity in DCI and other applications at a data rate of up to 800 Gbps. The electrical, thermal, and communication interfaces adhere to the OIF IA and are designed to work with the newest generation of switches and routers supporting QSFP-DD and OSFP transceivers, enabling direct router-based IP over DWDM for customers looking to expand capacity and reach of their current and future networks.

CMIS Demonstration

Lumentum OpenZR+ and 400ZR QSFP-DD transceivers will demonstrate the benefits of supporting the CMIS standard with multiple applications. CMIS has become the management interface for pluggable modules, allowing a standard method for monitoring, initialization, and control. The common yet flexible interface provides an interoperable path for integration and feature development among both host and module vendors. The Lumentum OpenZR+ module will display how following the CMIS standard allows a host to monitor the status, control the optical channel, control the output power, and switch between 400G and 100G application modes.

Visit booth #2613 to learn more about Lumentum coherent modules.

OIF
PLL INTEROP DEMO
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