

We are proud to be a participant of the OIF 800ZR, 400ZR, OpenZR+ and Multi-Span Optics live demonstration at OFC 2025!

Continuing the work from OFC 2023 and OFC 2024 OIF's multi-vendor interoperability demonstrations, Precision Optical Technologies, a brand of Belden, is excited to participate in OIF events that show the maturity and evolution of the coherent pluggable ecosystem across the industry – from 100G to 800G. At OFC 2025, we are participating with our 100ZR, 400ZR, OpenZR+ and 800ZR modules. All these transceivers will be part of the OIF multi-vendor interoperability demonstration, which will showcase a variety of transceiver modules, OLS systems, router/switch hosts and test equipment vendors functioning together.

100ZR



Product Description:

- QSFP28 form factor
- C-band Tunable 50/100GHz Grid Spacing
- Coherent DSP
- 100GBASE-ZR support with IEEE Std 802.3 2022
- 100GbE / OTU4
- DP-DQPSK Line side Modulation
- Up to 300km Reach (OLS Dependent)
- Duplex LC-UPC Connector
- DDM and VDM
- C-Temp
- <5.5 Max Power Consumption

400ZR



Product Description:

- QSFP-DD form factor
- C-band Tunable 75/100GHz Grid Spacing
- Coherent DSP
- OIF 400ZR support
- 400GbE
- DP-16QAM Line Side Modulation
- Up to 120km Reach (OLS Dependent)
- Duplex LC-UPC Connector
- DDM and VDM
- C-Temp
- <19W Power Consumption

OpenZR+



Product Description:

- QSFP-DD form factor
- C-band Tunable 75/100GHz Grid Spacing
- Coherent DSP
- OIF 400ZR and OpenZR+ support
- 100-400GbE
- DP-16QAM/8QAM/QPSK Line Side Modulation
- Up to 1000km Reach @400G (OLS Dependent)
- Duplex LC-UPC Connector
- DDM and VDM
- C-Temp
- <22.5W Power Consumption

800ZR



Product Description:

- QSFP-DD800 form factor
- C-band Tunable 150GHz Grid Spacing
- Coherent DSP
- OIF 800ZR and OpenZR+ support
- 400-800GbE
- DP-16QAM/8QAM/QPSK Line Side Modulation
- Up to 400km Reach @800G (OLS Dependent)
- Duplex LC-UPC Connector
- DDM and VDM
- C-Temp
- <30 W Power Consumption