



PRECISION

OPTICAL TECHNOLOGIES

Precision OT will be part of the OIF 400ZR+ optics and Common Management Interface Specification (CMIS) multi-vendor interoperability demonstrations at ECOC 2023.

In this year’s OFC 2023 conference Precision OT participated in [the OIF largest ever multi-vendor interoperability demonstration for 400ZR optics](#). At ECOC 2023, both Precision OT’s 400G ZR and 400G ZR+ modules will be part of the OIF 400ZR+ multi-vendor interoperability demonstration, which will show case a variety of transceiver modules, OLS systems, router/switch hosts and test equipment vendors functioning together.

| | Precision OT 400G ZR | Precision OT 400G ZR+ |
|-----------------------|-----------------------|--|
| Form factor | QSFP-DD | QSFP-DD |
| TX power | ~ -10 dBm | ~ -10 dBm |
| Client side | 400G | 100G – 400G |
| Line side | 400GbE DP-16QAM C-FEC | 400GbE DP-16QAM O-FEC 300GbE DP-8QAM O-FEC 200GbE DP-QPSK O-FEC 100GbE DP-QPSK O-FEC 400GbE DP-16QAM C-FEC |
| Reach | Up to 120km | 100’s of km * |
| Max Power consumption | 19 W | 22W |
| Standard compliance | OIF 400ZR | OIF 400ZR and OpenZR+ |

*Amplified OSNR limited links. Max reach will depend on data rate, amplifiers, fiber quality and network design.

The CMIS demo demonstrates real-world implementations of various CMIS modules across a variety of vendor hosts, highlighting the industry’s collective efforts in CMIS standardization. The CMIS demos will include wavelength tuning, ApSel advertising, VDM parameters, among others. Precision OT 400G DR4 will also be part of this demo.

About Precision OT:

Precision Optical Technologies, Inc. is a systems integration company focused on end-to-end optical networking solutions, network design services and cutting-edge product development advancements. Backed by our extensive experience and robust R&D efforts, we play an integral role in enabling next-generation optical networks worldwide. For more information, visit www.precisionot.com.

