



Precision OT's 400ZR modules will be part of the OIF 400ZR optics multi-vendor interoperability public demonstration held during OFC 2023. As an OIF standard, [400ZR](#) coherent optics provide 400Gbps of bandwidth over a single optical wavelength using DWDM. This technology enables point to point 400GbE data center interconnect (DCI) for distances up to 80-120km with the use of amplifiers but without the need for specialized optical transport equipment. The 400ZR standard was born out of a hyperscale need for enhanced DCI performance using small form factor pluggable modules like QSFP-DD and OSFP.

Product Features:

- QSFP-DD form factor
- Tunable Laser for C-band 100GHz and 75 GHz grid spacing
- Coherent TOSA/ROSA
- Coherent DSP
- Supports Host/Client side interface 400GAUI-8
- Supports Network/Line side 400G DP-16QAM with C-FEC
- Reach up to 120km (with the use of amplifiers)
- SMF Transmission Medium
- Max 19W Power Consumption

About Precision OT:

Precision Optical Transceivers is a system engineering company focused on optical transceivers and related active/passive optical components. For over a decade, we have helped build networks around the globe by providing high quality, custom-engineered optical solutions. For more information, visit www.precisionot.com.

