



At OFC 2023, Coherent is participating in the OIF 400ZR and Common Management Interface Specification (CMIS) Interoperability demonstrations.

Coherent's 400ZR and 400G ZR+ QSFP-DD **Digital Coherent Optics (DCO)** transceivers are based on **advanced Indium Phosphide (InP) photonic integration** in an OIF Type-2 IC-TROSA (Integrated Coherent Transmit & Receive Optical Sub-Assembly).

Network operators can take advantage of these small form factor DCO pluggable modules to **significantly reduce the cost and complexity of DWDM optical transport** for applications ranging from data-center interconnect, as exhibited in the 400ZR Interoperability Demonstration, to metro and regional ROADM networks.

The CMIS Demonstration hosts a variety of Coherent CMIS managed modules and cables and showcases how these are managed in a real-world application using a **common and extensible management interface**.



400ZR QSFP-DD-DCO Transceiver



400G ZR+ QSFP-DD-DCO  
High Tx Output Power Transceiver



400GBASE-FR4 QSFP-DD Transceiver



400GBASE-DR4 QSFP-DD Transceiver



400GBASE-DR4 OSFP Transceiver



Quadwire® 400G Active Optical Cable

### About Coherent

Coherent empowers market innovators to define the future through breakthrough technologies, from materials to systems. We deliver innovations that resonate with our customers in diversified applications for the industrial, communications, electronics, and instrumentation markets. Headquartered in Saxonburg, Pennsylvania, Coherent has research and development, manufacturing, sales, service, and distribution facilities worldwide. For more information, please visit us at [www.coherent.com](http://www.coherent.com) or come and meet us in **booth #3815**.



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