

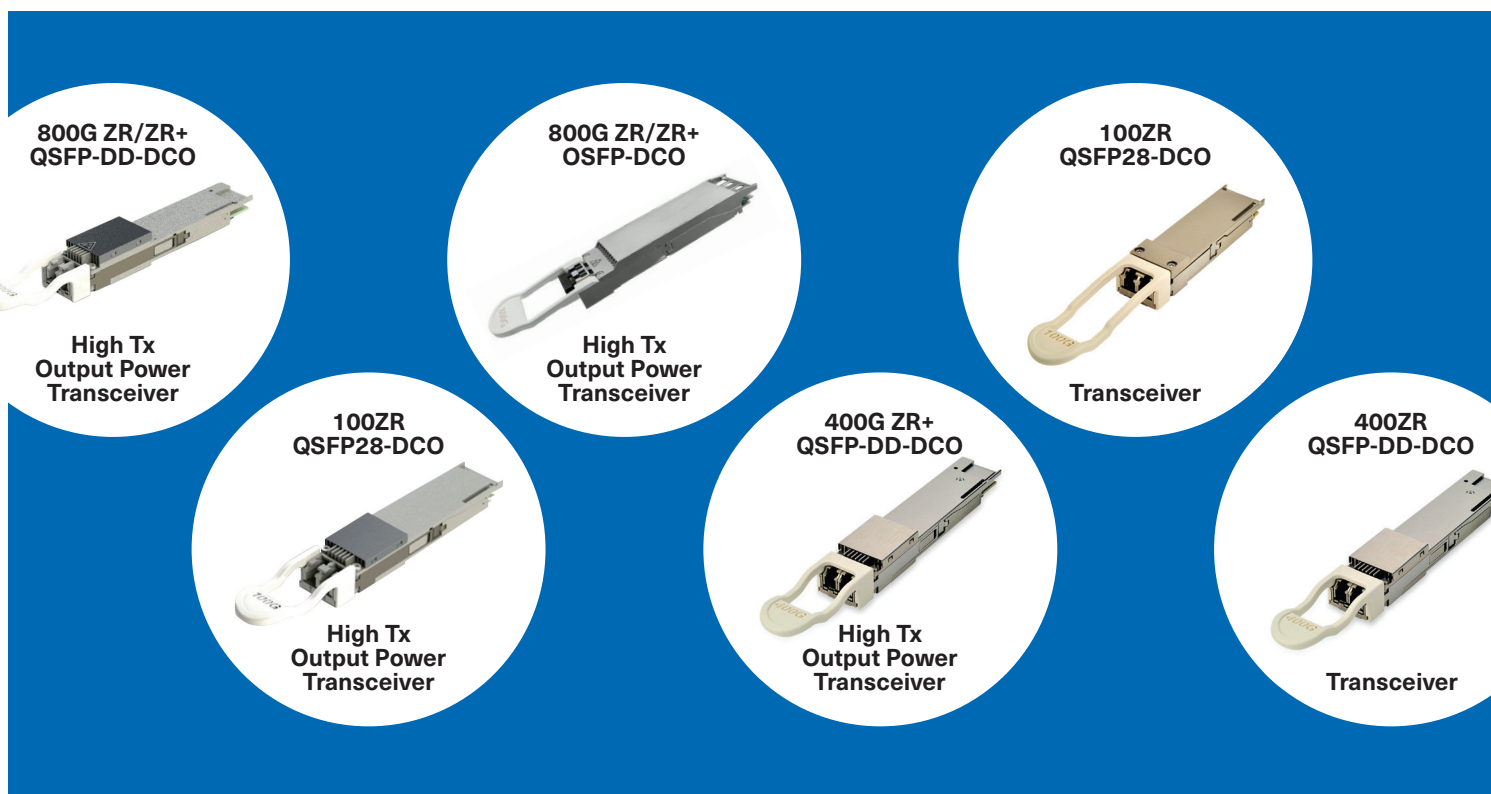


At OFC 2025, Coherent is participating in the OIF 100ZR, 400ZR and 800ZR Interoperability demonstrations.

100ZR QSFP28 **Digital Coherent Optics (DCO) transceivers** from Coherent are vertically integrated solutions realized by developing the coherent DSP and optics in conjunction with each other to deliver best in class power dissipation. 100ZR enables service providers to enjoy the benefits of IP over DWDM in both legacy, and new, 100G switch and router ports.

400ZR and 800G ZR QSFP-DD **Digital Coherent Optics (DCO) transceivers** from Coherent 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 to metro and regional ROADM networks, as exhibited in the 100ZR, 400ZR and 800ZR Interoperability Demonstration.



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 or at **booth #1519 during OFC 2025.**

