

COHERENT COMPANY AND TECHNOLOGY UPDATED

February, 2026

Erol Franks

Dir EMEA Channels & Alliances

COHERENT AT A GLANCE



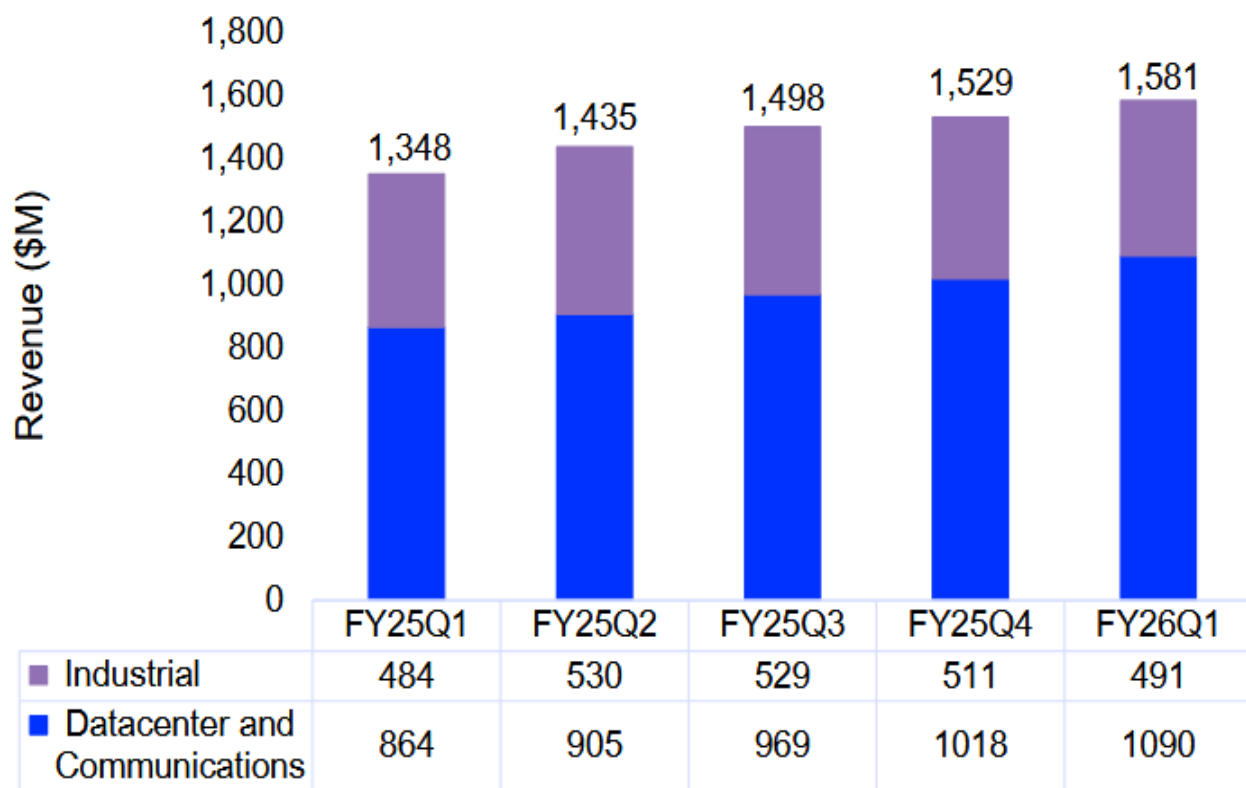
**FROM A FOUNDATION OF MATERIALS AND IMAGINATION,
WE ENABLE EXCITING MEGATRENDS
COHERENT IS THE GLOBAL LEADER IN PHOTONICS**

1971	Year Founded	COHR	NYSE
≈26,000	Employees ⁽¹⁾	\$5.8B	FY25 Revenue
2,250+	Research & Development Employees ⁽¹⁾	\$64B	Available Market (CY2023)
3,100+	Patents ⁽¹⁾	126	Locations
VERTICAL INTEGRATION	Materials, Components, Subsystems, Systems and Service	24	Countries

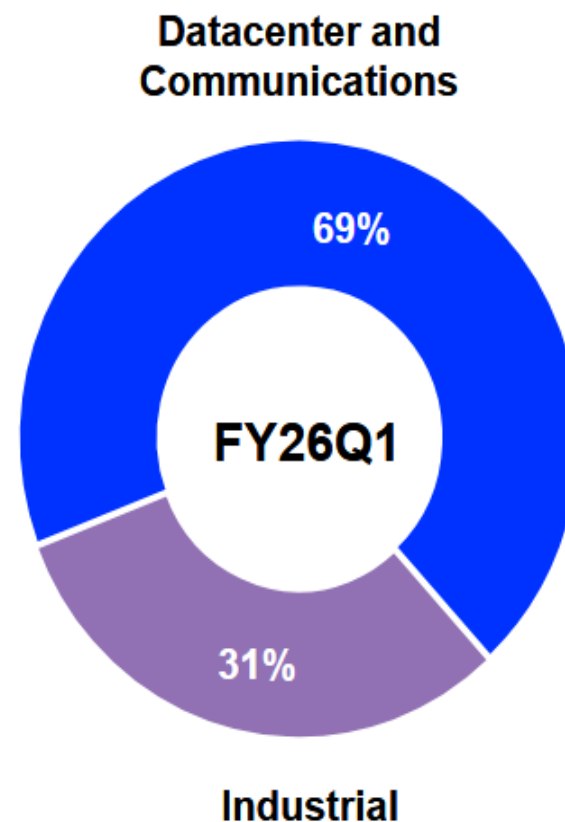
⁽¹⁾As of June 30, 2024



QUARTERLY REVENUE BY SEGMENT

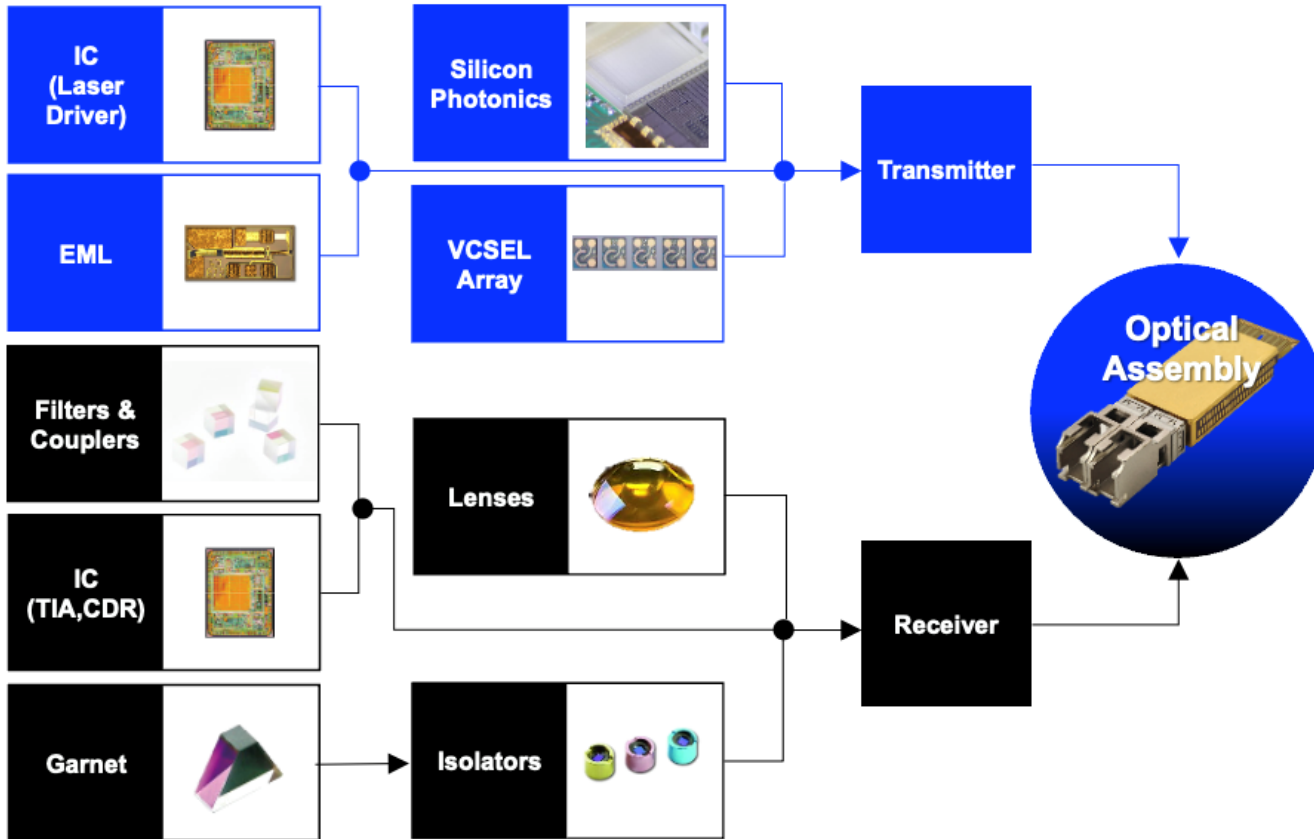


REVENUE DISTRIBUTION BY SEGMENT



Note: Amounts may not foot due to rounding.

INDUSTRY'S MOST VERTICALLY INTEGRATED DATACOM TRANSCEIVER WITH UNMATCHED SUPPLY CHAIN RESILIENCY

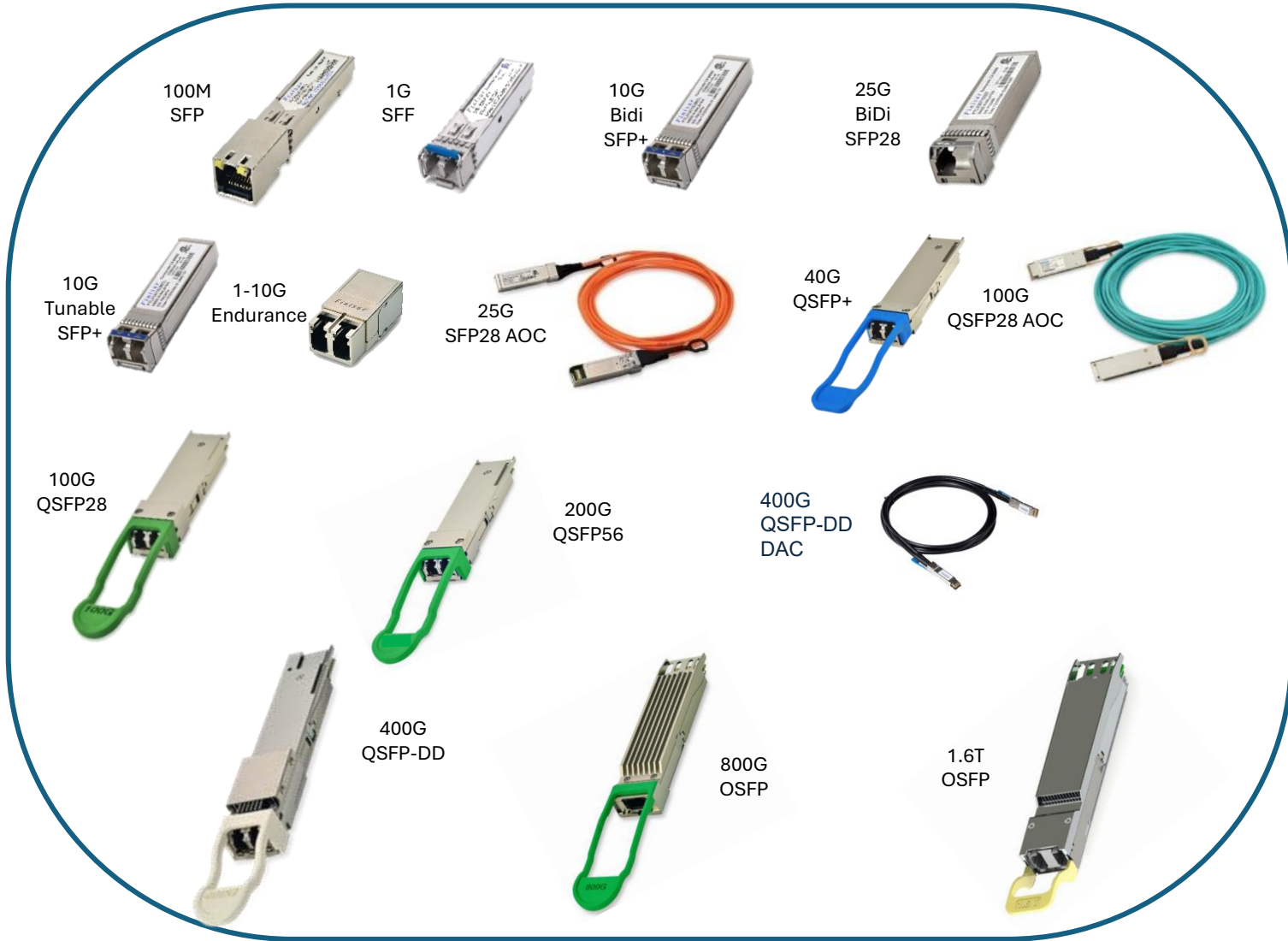


Achievements in Optical Networking

- **Transceiver Shipments:** >350M transceivers shipped
- **EML Capacity:** Increased shipments by 10X over the last two years and ramped capacity to 7M die per quarter
- **EML Innovation:** First to demonstrate a 200G & 400G Differential EML for 1.6T.
- **Garnet Production:** The world's largest producer of garnet for isolators, with investments to nearly double capacity year over year
- **6" Wafer Achievement:** Industry's first 6-inch wafer for GaAs and InP
- **Laser Technology:** Developed award-winning, unique 200G lasers designed for the most demanding links.

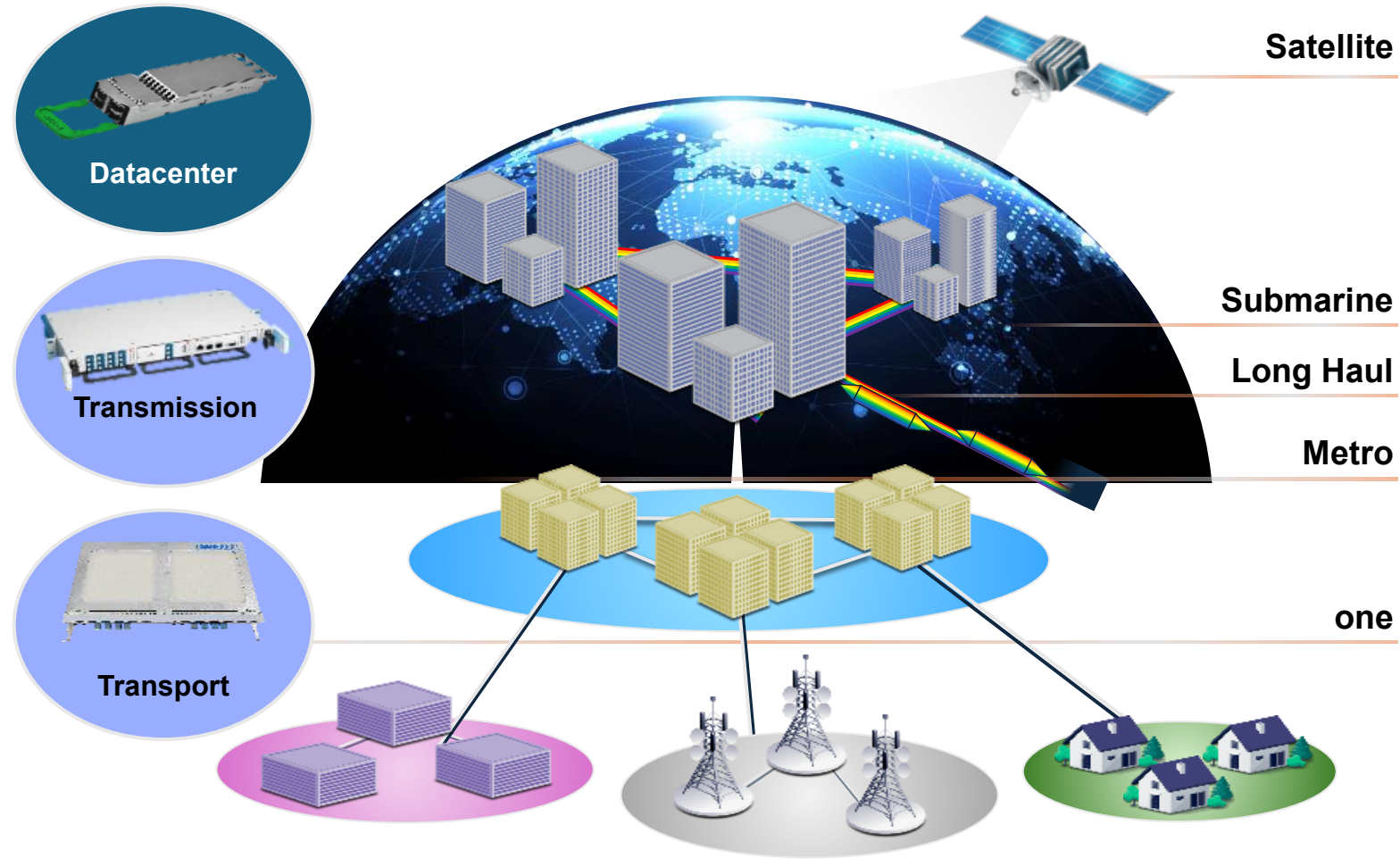
MARKET-LEADING ROADMAP FOR PLUGGABLE TRANSCEIVERS

- Coherent's transceiver product line is the former Finisar, with 35 years of experience and leadership in the optical transceiver industry
- Trusted with deep customer relationships
- Technology dept and breadth – materials to systems
- The broadest portfolio in the industry, with data rates ranging from 100 Mbps to 3.2 Tbps
- Form factors include SFF, SFP, SFP+, T-SFP+, QSFP+, QSFP-DD, OSFP, AOC, DAC, Endurance and CPO/NPO
- Protocols include Ethernet, OTU, CPRI/eCPRI, Fibre Channel, InfiniBand
- Customer include hyperscale data centers, OEMs, carriers/service providers, and enterprises

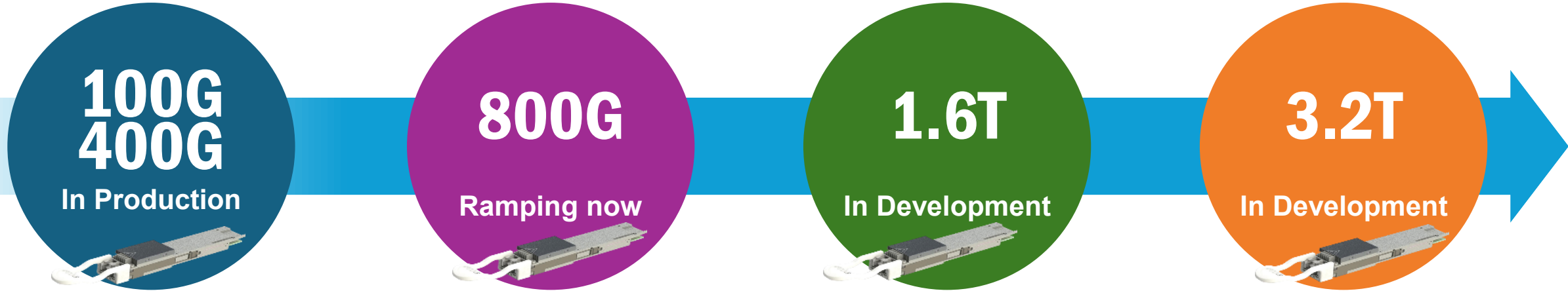


Some Representative Transceiver Products

POWERING DATACENTER AND COMMUNICATIONS NETWORKS



INDUSTRY-LEADING DCI PORTFOLIO AND ROADMAP



**Industry's First 100G
ZR QSFP28**

**400G ZR+ for longer reach
and DCI backbones**



**Industry's First 800G
ZR/ZR+ Q-DD**

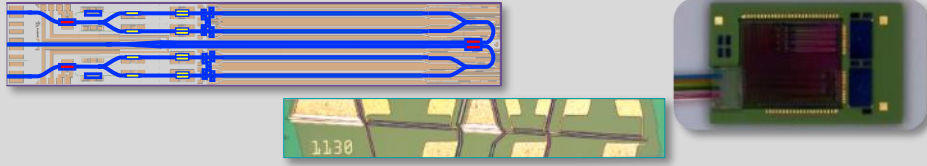
**Industry's First
L-band 800G ZR/ZR+**

**LR/ZR
AI Campus Scale Out**

**FR/LR/ZR
AI Scale Out**



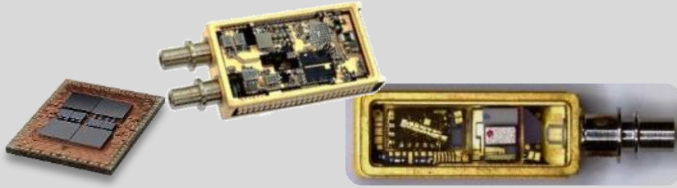
VERTICAL INTEGRATION FOR COHERENT PRODUCTS



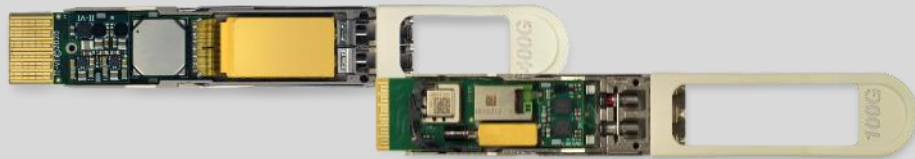
Photonic chip design in Indium Phosphide and Silicon Photonics with high-volume manufacturing
We are technology agnostic and select best option



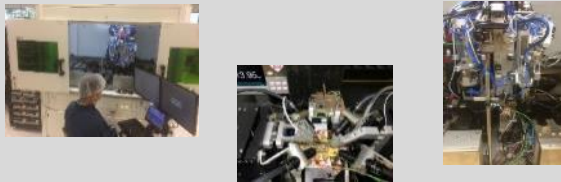
High-speed Integrated Circuits



Optical subassembly design and manufacturing

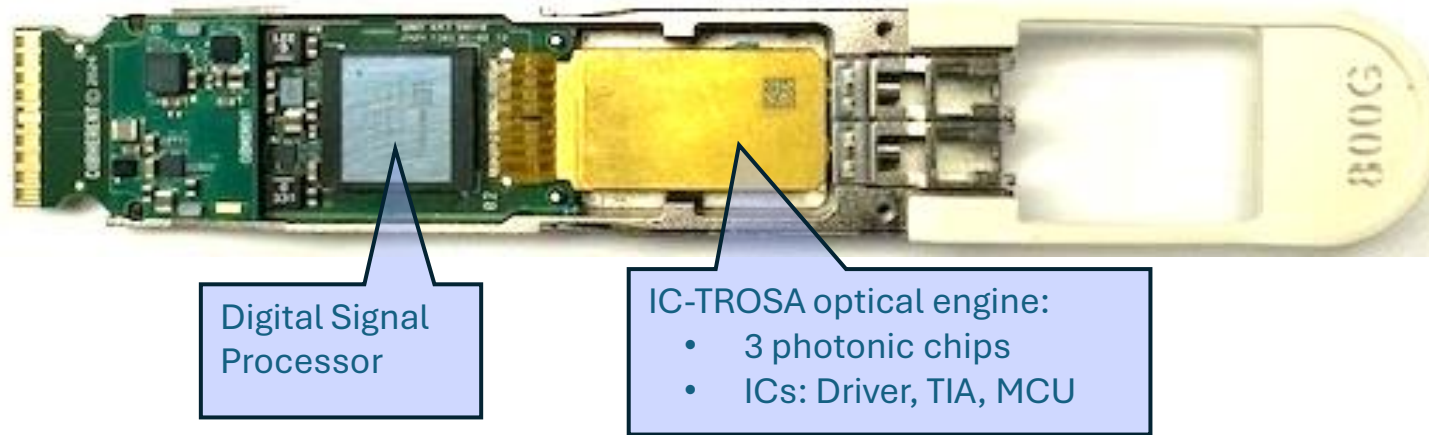


Module design including embedded FW development



Fully automated high-volume manufacturing in
COHR-owned factories

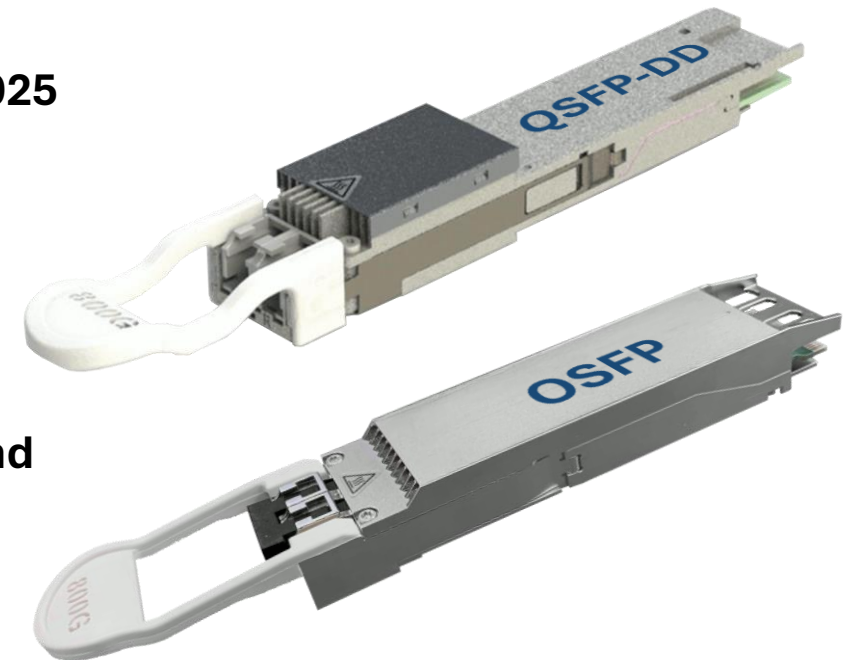
High-Volume, Manufacturable Design



- Enabled by our vertical integration and technology capability
- IC-TROSA is fully automated with precise, high-reliability processes
 - Leverages 4 generations of coherent optical engines for design and manufacturing
 - InP does not require EDFAs -> automated with no fiber routing
- Simple transceiver module manufacturing:
 - IC-TROSA soldered to DCO PCBA
 - Installed into housing
 - Automated testing

800G DCO Pluggable transceiver Highlights

- **First 800G DCO portfolio with C-band and L-band wavelength ranges**
 - In production since beginning of 2025
 - L-band doubles fiber capacity from 32 Tbit/s to 64 Tbit/s
 - L-band: winner of 2025 LIGHTWAVE Innovation Reviews at OFC 2025
- **Industry's first 800G ZR service trial on Juniper PTX router**
- **High transmitter optical output power of 0dBm at both C-band and L-band**
 - Leverages **Indium Phosphide (InP)** optics (3 photonic chips) with monolithically integrated SOA's to improve noise performance and OSNR
 - Delivers best performance across C and L band
 - Lower BOM cost and power dissipation for L-band
 - Scaling to high volume as no fiber routing is needed
- **Industry leading performance**
 - 800G standard OFEC > 550km with over 2db OSNR margin to OIF spec
 - 800G high-performance PCS >1000km, 23.5db OSNR (B2B)



General Availability:

- C-band: Now
- L-band: CY26Q2

100G ZR QSFP28 key highlights

- Applications closer to edge – Access, wireless backhaul and some metro. Also upgrade path from 10G/25G to 100G tunable
- Uses SiPh, internal DSP and microEDFA
- Different options available
 - FTLC3351x3PL1 released to production in August 2024
 - Standard power, C-temp, both CMIS and SFF8636
 - FTLC3351x3PL4 released to production in December 2024
 - Standard power, I-temp, both CMIS and SFF8636
 - FTLC335y3PL1 released to production in April 2025
 - High power, C-temp, both CMIS and SFF8636
 - FTLC335y3PL4 released to production in December 2025
 - High power, I-temp, both CMIS and SFF8636
- 100G ZR dual laser CMIS option available for bidi applications
- Optional Tx output power control now available on standard power modules
- Optional variant with no I2C rise time accelerators for compatibility with certain legacy hosts



MARKET-LEADING PORTFOLIO AND ROADMAP FOR PLUGGABLE TRANSCEIVERS

800G
In Volume
Production

1.6T
Volume
Production
2025

3.2T
In Development

6.4T
In Development



**OCS Optimized
Transceivers**



200G/lane Transceivers
1.6T & 800G based on 3nm DSP's for 500m,
2km, & 6km
Fully retimed and Half retimed options



**400G EML for 3.2T
Transceiver**

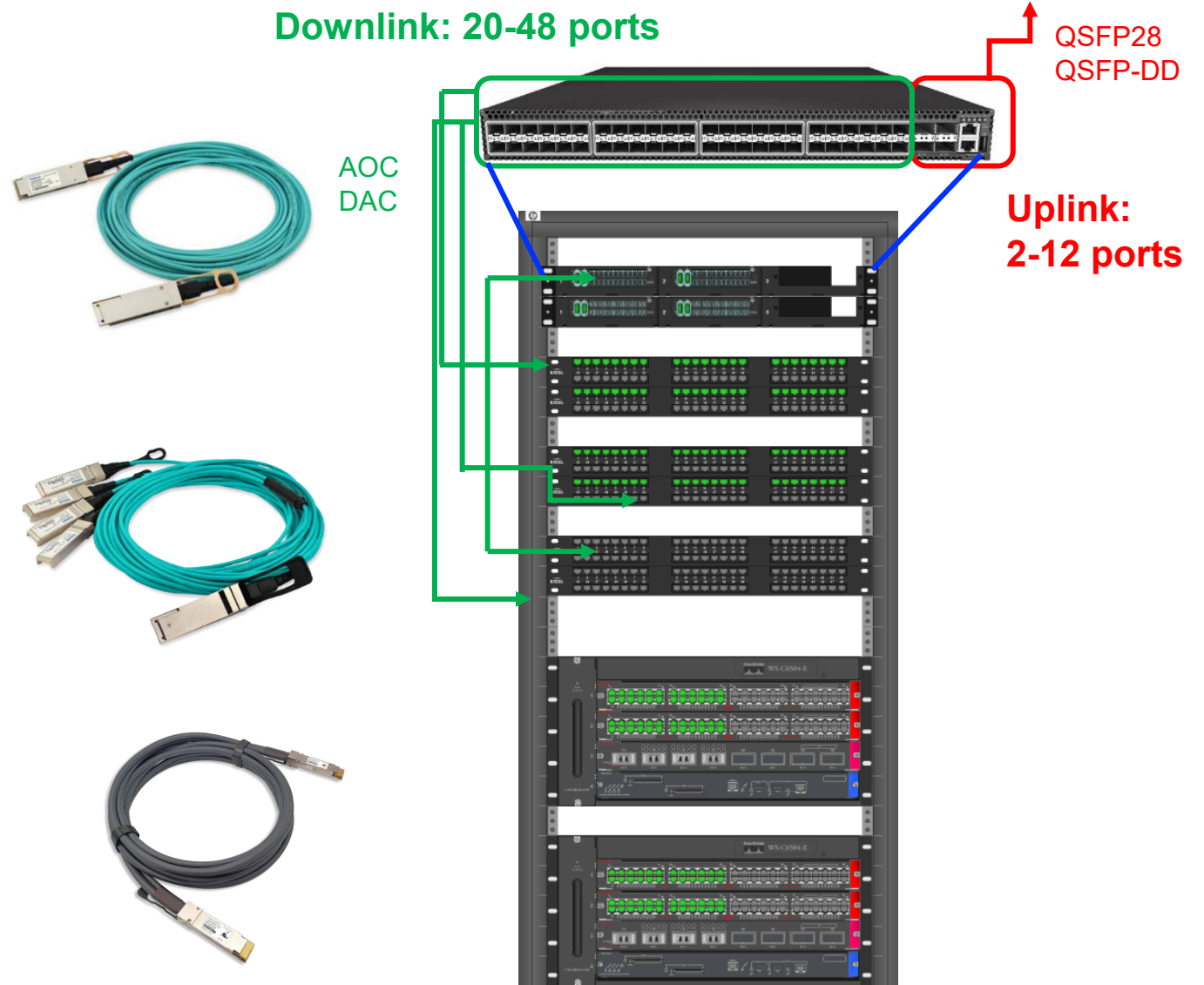
AOC IN DATA CENTERS

AOCs have become very popular:

- Highly reliable
- Very easy to install and maintain
- Lightweight and easy to manage
- More affordable than transceivers

▪ Breakout versions are available

▪ Coherent now has DAC too



HOW IS COHERENT DIFFERENTIATED

- **Coherent is the leader in Photonics**
- **Coherent Transceiver BU has a major market share in global optical transceivers**
 - We have a well-known valuable brand of transceiver
 - We have the best sales organization and disti channel, and good relationship with customers
- **Broadest portfolio of communications transceivers in the industry**
- **Technology Leadership both depth and breadth**
 - Shipping 800G transceivers in high volume.
 - Significant investment in R&D to maintain competitiveness in 1.6T/3.2T market
 - Proven and sustained innovation engine, developed with deep market and customer relationships
- **Vertical Integration is a huge advantage in this market**
 - We have a broad range of technologies to select that best suits the application that includes DFB's, EML, VCSEL, SiPh and key IC's such as Laser Drivers, Post Amplifiers, CDR ICs, DSP's
 - Supply chain diversification and risk mitigation
 - Cost advantage
- **Coherent has a proven track record in scaling products into very high volumes**
- **We are well positioned to take advantage on the geopolitical situation with our manufacturing facilities outside of China**



Internal Technologies



DFB-MZ



EML



SiPho MZM /w Mux
SiGe WG PD /w Demux



Quad PD array



DFB



VCSEL/PD array



mSAP/Chip on Board



IEEE 802.3ck / 802.3dj
100GEL/200GEL



Ipoh,
Malaysia



Wuxi,
China

COHERENT