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Bifrost COMMUNICATIONS

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Bifrost Communications Announces the First Customer Deliveries of 25 Gbps / 40 km Transceivers and Launches its Priority Access Program at OFC 2026

Copenhagen, Denmark - March 2026: Bifrost Communications today announces a major milestone in its evolution as a provider of complete transceiver solutions: the first customer deliveries of its 25 Gbps transceiver with 40 km reach is scheduled for Spring 2026.

The announcement marks a significant step forward for the company and reinforces its commitment to delivering high-performance, cost-efficient optical solutions for next-generation DWDM networks.

Bifrost Communications will showcase its technology at OFC 2026 in Los Angeles, where customers and partners are invited to experience the company's innovative quasi-coherent (QC) technology and discuss deployment opportunities.

Join the Priority Access Program

To support customers preparing for network upgrades and expansion, Bifrost is launching its Priority Access Program. Participants will:

- Receive early test samples
- Gain priority for volume orders
- Secure supply as production capacity ramps up

This program is designed to give network operators and system integrators a strategic advantage as demand for high-capacity, cost-optimized solutions accelerates.

Bifrost's proprietary QC technology delivers distinct competitive advantages

- Lower cost, reduced power consumption, and compact footprint (SFP28/SFP56 form factors)
- DSP-free PIC-based optical architecture supporting both 25 Gbps and 50 Gbps transceivers
- Seamless upgrade from 10 Gbps to 25 Gbps in DWDM networks
- Wavelength-selective receiver enabling filterless DWDM
- Standard EML transmitter
- Near-zero latency and extended reach enabled by DSP-free analog dispersion compensation

By eliminating the need for digital signal processing (DSP), Bifrost achieves lower latency, reduced power consumption and a simplified architecture improving at the same time dispersion reach and power budget.

Co-funded by the European Union

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Future development & Production in Europe

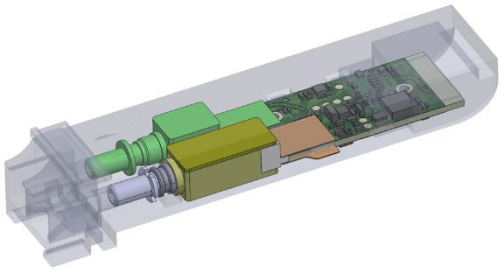
Bifrost keeps working to advance its proprietary Quasi Coherent transceiver technology with plans to expand its DSP-free portfolio. The current offer includes 10, 25 and 50 Gbps. 100 Gbps is in development and Bifrost continues to work on increasing reach for all transceivers in the range.

This evolution will bring the benefits of Bifrost's Quasi Coherent architecture to higher bit rates, empowering network operators to efficiently manage accelerating traffic growth and the sustained demand for increased bandwidth.

With R&D based in Denmark and production in Belgium, Bifrost combines European photonics innovation with scalable manufacturing capability to support increasing global demand.

Meet Bifrost Communications at OFC 2026
Los Angeles - Booth 5250

To join the Priority Access Program or schedule a meeting at OFC, please send a mail to
info@bifrostcommunications.com



Rendering and picture of the 25 Gbps pluggable transceiver using Bifrost's QC PIC technology.

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