Coherent Announces General Availability of Industry's First Dual-Laser QSFP28-DCO for Single Fiber Transmission

March 6, 2026

SAXONBURG, Pa., March 06, 2026 (GLOBE NEWSWIRE) -- Coherent Corp. (NYSE: COHR), a global leader in photonics, today announced the general availability of the industry's first dual-laser QSFP28-DCO module designed to enable bi-directional 100G coherent transmission over a single working fiber. This breakthrough brings coherent performance to fiber-constrained network environments in a compact QSFP28 form factor for the first time.

COHERENT ANNOUNCES GENERAL AVAILABILITY OF INDUSTRY'S FIRST DUAL-LASER QSFP28-DCO FOR SINGLE FIBER TRANSMISSION

COHERENT ANNOUNCES GENERAL AVAILABILITY OF INDUSTRY'S FIRST DUAL-LASER QSFP28-DCO FOR SINGLE FIBER TRANSMISSION

Coherent announced the general availability of the industry's first dual-laser QSFP28-DCO module designed to enable bi-directional 100G coherent transmission over a single working fiber.

The new module allows network operators to deploy bi-directional 100G coherent links over a single fiber, an essential capability for routes where fiber availability is limited or costly to expand. By enabling multiple 100G services on existing infrastructure, customers can significantly increase network capacity, extend reach up to 300km, and achieve up to a 10x capacity upgrade compared to legacy 10G bi-directional links. The solution allows service providers to maximize fiber plant utilization while maintaining operational simplicity and compatibility with deployed equipment.

"Coherent continues to strengthen its leadership in 100G QSFP28-DCO solutions with innovations that directly address real-world network constraints," said Moran Roth, VP Product Line Management of Transmission at Coherent. "This dual-laser capability expands our portfolio to better serve Cable/MSO and wireless transport applications, delivering greater flexibility, scalability, and value to customers operating in fiber-limited environments."

The dual-laser QSFP28-DCO is generally available beginning in March 2026. The solution leverages the same proven technology platform used in Coherent's single-laser QSFP28-DCO modules, which have been successfully deployed worldwide for the past two years.

For more information, visit coherent.com. Attendees of OFC 2026 are invited to visit Coherent at Booth 1401 to learn more about this new solution and the company's comprehensive coherent optical portfolio.

About Coherent
Coherent is the global photonics leader. We harness photons to drive innovation. Industry leaders in the datacenter, communications, and industrial markets rely on Coherent's world-leading technology to fuel their own innovation and growth.

Founded in 1971 and operating in more than 20 countries, Coherent brings the industry's broadest, deepest technology stack; unmatched supply chain resilience; and global scale to help its customers solve their toughest technology challenges.

Media Contact:
innovations@coherent.com

A photo accompanying this announcement is available at https://www.globenewswire.com/NewsRoom/AttachmentNg/50955527-4813-4684-98c6-12adde4e12ae