

Ireland Procurement of Single-Fiber Bidirectional QSFP



Overview

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. Whether it's building a network or upgrading an existing network, the Cisco® QSFP-100G-B20U4-I and QSFP-100G-B20D4-I transceivers provide 100G connectivity for platforms at up to 20km on single SMF (Single Mode Fiber). (NYSE: COHR), a global leader in photonics, announces the industry's first QSFP28 Dual Laser 100G ZR solution that enables broadband providers to efficiently maximize capacity on existing fiber infrastructure. The Coherent 100G ZR. NEC Corporation (NEC; TSE: 6701) has expanded its lineup of optical transceivers for 100Gb/s transmission, and has started selling the new "100G QSFP28 ZR4 BiDi," which extends transmission distance to 80km, from today. This product is an improved version of the dual-fiber 100Gb/s transceiver that. SAXONBURG, Pa., March 06, 2026 (GLOBE NEWSWIRE) -- Coherent Corp. This breakthrough brings coherent performance to fiber-constrained network. However, there are now alternatives available for upgrading the bandwidth of existing fiber infrastructure, specifically for single fiber upgrades of 10G bidirectional links

to 100G.

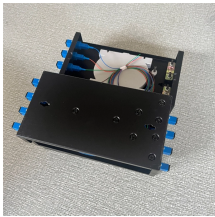
Ireland Procurement of Single-Fiber Bidirectional QSFP



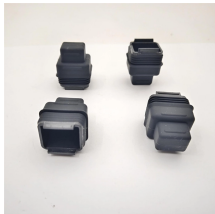
Coherent Corp. has announced the general availability of the industry's first dual-laser QSFP28-DCO module, enabling bi-directional 100G coherent transmission over a single fibre.



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.



RAD's BiDi QSFP adaptor is a passive, small-factor dual to single fiber adapter that can be plugged into existing SFPs, providing immediate savings for 1G, 10G, 100G, and 200G fiber infrastructure. There ...



Skylane Optics has achieved a significant advancement in single-mode fiber architectures with our 100G bidirectional transceivers. With an extensive range of QSFP28 100G ...



Our QSFP28 Bidirectional (Bidi) transceivers delivers high-speed 100G connectivity over a single strand of fiber, with reach options up to 70km and support for both standard and industrial ...



Coherent, a global leader in photonics, announced the general availability of the industry's first dual-laser QSFP28-DCO module designed to enable bi-directional 100G coherent ...



Whether it's building a network or upgrading an existing network, the Cisco® QSFP-100G-B20U4-I and QSFP-100G-B20D4-I transceivers provide 100G connectivity for platforms at up to 20km on single ...



Coherent announces the industry's first QSFP28 Dual Laser 100G ZR solution that enables broadband providers to efficiently maximize capacity on existing fiber infrastructure.



NEC Corporation (NEC; TSE: 6701) has expanded its lineup of optical transceivers for 100Gb/s transmission, and has started selling the new "100G QSFP28 ZR4 BiDi," which extends ...



Coherent has begun shipping its first dual-laser QSFP28-DCO module, enabling bi-directional 100G coherent transmission over a single fiber in a standard QSFP28 form factor. This ...

Contact Us

For more information, pricing, or custom network solutions, please contact us:

Website: <https://www.hashherbcafe.co.za>

Email: hello@hashherbcafe.co.za

Phone: +27 63 814 7295

Address: 15 Galaxy Road, Linbro Business Park, Johannesburg, 2065, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

