



PRESS RELEASE

Ekinops Announces Availability of New CFP2-based 400G Transport Solution

Paris, January 24th, 2022 – **Ekinops (Euronext Paris - FR0011466069 – EKI)**, a leading supplier of optical transport systems and access network solutions, today announces the availability of its new PM_400FR05-C2A pluggable module for the Ekinops360 WDM optical transport system. This new line card is the first coherent module from Ekinops based on 400G pluggable line interfaces, offering lower cost, lower power coherent solutions than what is offered by high-performance embedded optics.

Since their debut in 2021, pluggable 400G transceivers have been quickly adapted for use in communications networks. Though initially designed for short reach data center connectivity, newer versions with higher optical launch powers are now being deployed in broader applications including metro and regional service provider transport networks. According to market research firm Signal AI, these transceivers will represent more than 20% of all 100G+ telecom bandwidth deployed in 2022, growing to 30% by 2024. "400G pluggable optics are revolutionizing the optical communications market by creating more flexible high-performance networks at lower cost for both data center and traditional telco operators," said **Scott Wilkinson, Lead Analyst for Optical Components at Signal AI**. "This performance and cost savings provide a compelling case for all network operators to consider pluggable coherent optics-based network designs, and deployments based on these modules will lead coherent bandwidth growth in optical networking for the next several years."

The PM_400FR05-C2A provides multiple client options capable of supporting either 100GbE or OTU4 as well as 400GbE connectivity. The line interface is programmable from 100G to 400G. As a standards-based solution, the PM_400FR05-C2A is fully interoperable with other third-party compliant interfaces making it easy and inexpensive for service providers to interconnect switch/router ports. While most pluggable 400G optics are limited to point-to-point connectivity, the PM_400FR05-C2A is also deployable on meshed optical networks with multi-point connectivity, a key differentiator that significantly expands the scope of potential applications.

"As a line card-based solution, the PM_400 FR05-C2A provides a strict demarcation point between not only service provider and customer networks but also the packet and optical networks so that it fits seamlessly into the service providers' operational model," said **Guillaume Crenn, Product Line and Marketing Director at Ekinops**. "Because most switches and routers out there today cannot support a 400G transceiver directly, Ekinops' approach saves customers from having to upgrade their packet infrastructure." Compatible with all existing Ekinops chassis, Ekinops customers can not only avoid the cost of upgrading routers but also avoid adding new transport infrastructure while still taking advantage of the small size, low power and low cost of pluggable solutions without sacrificing performance.



Another differentiator is the availability of an optional Ekinops proprietary enhanced performance mode that extends the reach of the line output more than 20% compared to standardized modes of performance. Advanced transmission technology developed by Ekinops provides a cleaner transmission signal that can eliminate the need for additional amplifiers and regeneration points to further lower overall network cost.

The PM_400FR05-C2A is already attracting customer interest. It is currently in lab trials with general availability beginning in the first quarter of 2023.

For more information about the Ekinops portfolio, please visit <https://www.ekinops.com/products-services/products>

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About EKinOPS

Ekinops is a leading provider of open, trusted and innovative network connectivity solutions to service providers around the world. Our programmable and highly scalable solutions enable the fast, flexible, and cost-effective deployment of new services for both high-speed, high-capacity optical transport as well as virtualization-enabled managed enterprise services. Our product portfolio consists of three highly complementary product and service sets: EKinOPS360, OneAccess and Compose.

- EKinOPS360 provides optical transport solutions for metro, regional and long-distance networks with WDM for high-capacity point-to-point, ring, and optical mesh architectures, and OTN for improved bandwidth utilization and efficient multi-service aggregation.
- OneAccess offers a wide choice of physical and virtualized deployment options for Layer 2 and Layer 3 access network functions.
- Compose supports service providers in making their networks software-defined with a variety of software management tools and services, including the scalable SD-WAN Xpress and SixSq Edge-to-Cloud solutions.

As service providers embrace SDN and NFV deployment models, Ekinops enables future-proofed deployment today, enabling operators to seamlessly migrate to an open, virtualized delivery model at a time of their choosing.

A global organization, Ekinops (EKI) - a public company traded on the Euronext Paris exchange operates on four continents.

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For more information, visit www.ekinops.com