

Ekinops Launches its New 200G Solution

A high-performance response to the Data Center Interconnect market's needs

PARIS, June 22, 2015 – Addressing the needs of data centers, Ekinops today introduced its new 200G solution. Powerful, compact and with very low energy consumption, this 200G muxponder allows for a significant increase in capacity of optical transport networks to meet the needs of the *Data Center Interconnect* (DCI) market.

130 watts per 200G : the most energy efficient solution in the market!

Because energy consumption is one of the major concerns for data center operators and cloud service providers, the new Ekinops 200G solution was designed to be as energy efficient as possible. With a consumption of just under 130 watts per 200G, it is now the most energy efficient equipment available on the market.

The Ekinops 200G muxponder is a leap forward for data center operators and cloud service providers, providing a powerful solution to capacity constraints and for interconnection of their data centers. Offering high capacity, flexibility, and interoperability with existing equipment, the Ekinops 200G muxponder is a plug-in card, compatible with existing 2RU or 7RU chassis which could already be equipped with 10G or 100G solutions. With its small footprint, it allows for significant upgrades, packing 2x200G in a 2RU space and 6x200G in a 7RU space.

Flexibility and up to 35.2 Tb/s per 44RU rack

Extremely flexible, and compatible with 8G Fiber Channel or 10G, 40G and 100G Ethernet ports, the new Ekinops 200G solution allows operators to use a single type of optical pluggable for all client configurations. It allows them to opt for a gradual ramp-up of their investment on a "pay as you grow" basis.

Thanks to its single channel interface, the Ekinops 200G muxponder allows 37.5 GHz channel spacing, so that it can deliver 128 x 200G channels in the C-band and therefore carry 25.6 Tb/s per fiber. It is also compatible with 50GHz or 100GHz configurations.

Moreover, thanks to its small footprint, 88 muxponders can be placed in a 44RU rack, bringing the total capacity to over 35 Tb/s per rack.

The Ekinops 200G muxponder uses 16QAM modulation and Ekinops coherent technology. It has a range of 160 kilometers (100 miles) without signal regeneration.



"As more and more data and business applications migrate to the cloud, keeping up with the explosion of data transport is a huge challenge for data center operators and cloud service providers." said Francois Xavier Ollivier, Chief Operating Officer of Ekinops. "Our new 200G solution allows them to grow the capacity of their networks to meet growing demand while preserving the granularity and flexibility for lower rates, such as 8G and 10G."

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About Ekinops

Ekinops is a leading supplier of next generation optical transport equipment for telecommunications service providers. The Ekinops 360 addresses Metro, Regional, and Long-Haul applications with a single, highly-integrated platform. Ekinops is a market-leading innovator in 100G transport with a coherent line of products that truly optimizes optical networks and comes in 1RU, 2RU or 7RU chassis. The Ekinops 360 relies on the highly-programmable Ekinops T-Chip[®] (Transport-on-a-Chip) architecture that enables fast, flexible and cost-effective delivery of new services for high-speed, high-capacity transport. Using the Ekinops 360 carrier-grade system, operators can simply increase capacity of their networks – CWDM, DWDM, Ethernet, ESCON, Fibre Channel, SONET/SDH, and uncompressed video (HD-SDI, SD-SDI, ASI). Ekinops is headquartered in Lannion, France, and Ekinops Corp., a wholly-owned subsidiary, is incorporated in the USA.



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For more information, visit www.ekinops.net