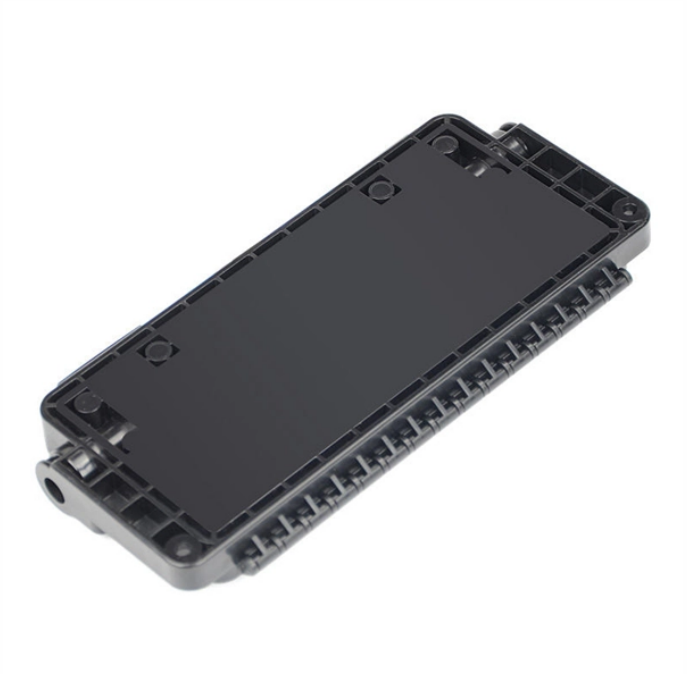
New Zealand inquiry for 400G optical core router



Overview

MEDIA RELEASE - Vodafone New Zealand has taken a major step in future-proofing its national transport network, deploying the world's first live 400 gigabit per wavelength optical system to dramatically increase capacity over its fibre optic footprint. Being an industry group uniting representatives of the data and optical worlds, OIF's purpose is to accelerate the deployment of interoperable, cost-effective and robust optical internetworks and their associated technologies. Optical internetworks are data networks composed of routers and data. To meet these demands, Mercury, a renewable electricity generator and multi-product utility retailer, is utilising One New Zealand (One NZ)'s fibre network to improve the scalability and resiliency of its services. Working with One NZ to Support Continuous Traffic Growth One NZ has served as. Qualified for use across Juniper's 400GbE-capable ACX, MX, PTX, and QFX product families, Juniper offers a broad portfolio of 400G coherent and direct-detect optical transceivers to address the growing demand for bandwidth in metro, edge, core, and data center networks. All Juniper qualified 400G. Why choose Nokia for your optical network?

The Nokia industry-leading optical network portfolio leverages highly vertically integrated coherent optical engines and includes the latest generation of open and flexible optical line systems, intelligent coherent pluggables, ultra power-efficient. The UfiSpace S9710-76D is a high density 400G disaggregated open router that evolves the network and enables next generation of 5G services and applications. The S9710-76D can be deployed as a standalone device or within a core switching cluster as a "line card" element within the distributed. 400Gbit/s edge routers are high-capacity devices positioned at the network edge to forward traffic at speeds of up to 400Gbit/s.

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	All Juniper qualified 400G optics are compliant with key industry standards and specifications for seamless interoperability in multivendor environments.
	400Gbit/s edge routers seamlessly integrate into existing IP and optical networks, enabling capacity upgrades without major network redesigns or service disruption.
	Learn more about the key optical network innovations and technologies delivering greater scale, simpler networks, and robust security for the AI era and the cloud-networked economy.
	ABSTRACT: Implementation Agreement created and approved by the Optical Internetworking Forum for a 400ZR Coherent Optical interface. The project start was approved at the ...
	To support Mercury''s growing bandwidth demands and take the customer experience to the next level, One NZ upgraded Mercury''s network to support 400G between Auckland, Hamilton, and Tauranga.

	The UfiSpace S9710-76D is a high density 400G open and disaggregated router capable of deploying a 691Tb routing cluster at the edge and core network.
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	The management of the entire solution is simplified as there''s no need to add new optical nodes to the network and the hardware can be optimized for lower power and space requirements.
	Combined with pluggable 400G OpenZR+ technology within the IQ Network, Colt will deliver high-bandwidth and software-defined networking that meets connectivity demands of today and the future.

Contact Us

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

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