

## Polish OTN Router 800G



### Overview

The PL-8000M is a modular and cost-effective high capacity solution for rolling out 800GbE, 400GbE and 100GbE services, or increasing existing network capacity. The device has two 800G pluggable uplink optical modules, delivering up to 1. The Optical Internetworking Forum (OIF) started the 400ZR project in 2016 to standardize interoperable coherent interfaces with power consumption/dissipation to support small form-factors, such as QSFP-DD and OSFP, to plug into routers. The PL-8000M integrates mux/demux, EDFA. Delivering up to 800 Gbps of bandwidth, Orion provides the performance that will effectively allow coherent pluggable modules to be used across most—if not all—optical spans in today's telecommunications networks. Orion-based modules will also provide data centers the much-needed bandwidth boost. Designed for choice and flexibility, Apollo provides capacity-reach optimized links up to 1. A modular set of ROADMs and OTN modules enables configurations to route links and transport. Home » PacketLight Showcases 800G Muxponder for High-Capacity Transport PacketLight Networks introduced the PL-8000M, a 2 x 800G muxponder platform designed for high-capacity transport in AI, cloud, and enterprise network environments.

## Polish OTN Router 800G



The PacketLight PL-2000T is a highly integrated solution with four 200G pluggable optical modules, delivering up to 800G in a 1U chassis. The PL-2000T delivers a full optical transport solution of up ...



The device has two 800G pluggable uplink optical modules, delivering up to 1.6T in a 1U chassis. The PL-8000M integrates mux/demux, EDFA and OSW, delivering the entire optical layer. This flexible ...



This unleashes Apollo's unique benefits in multi-vendor networks, including capacity-reach and power-cost optimized transport, an optical line system that elevates alien wavelengths to shared spectrum, ...



The OIF-800ZR Implementation Agreement and the Open ROADM version 7.0 specifications provide comprehensive guidelines for 800G coherent line interfaces, ensuring ...



TEL AVIV, Israel – PacketLight Networks, a leading provider of DWDM and OTN solutions, today announced the launch of the PL-8000M 2 x 800G Muxponder, designed to address the growing ...



This standardized solution for 800G ZR pluggable modules, powered by coherent DSP technology, allows data centers to achieve unprecedented data transmission speeds over distances ...



Built on Agilex® 7 FPGAs and SoCs, the solution supports advanced OTN multiplexing, FlexO interfaces, RS-FEC, and dynamic client configuration for scalable optical networking applications.



The PL-8000M supports up to 1.6 Tbps in a 1U form factor using two 800G OpenROADM-compliant coherent optical modules. It integrates key optical layer elements—including mux/demux, ...



Available ONT-800 Modules and Their Capabilities  
This table provides a portfolio overview to help you making the right module selection. Additional applications will be added over time, especially for the ...



By understanding the key developments for 400G and 800G, as well as the standards planned for 800G and 1.6T, data center operators can ensure that they benefit from 800G upgrades as solutions evolve.



Its technology and flexible architecture make the PL-8000M ideal for rolling out 800GbE, 400GbE, and 100GbE services or for enhancing existing network capacity. The PL-8000M delivers ...



The PL-8000M supports up to 1.6 Tbps in a 1U form factor using two 800G OpenROADM-compliant coherent optical modules. It integrates key optical ...

## Contact Us

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

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

Email: [sales@gdroofing.co.za](mailto:sales@gdroofing.co.za)

Phone: +27 72 418 9365

Address: 22 Electron Avenue, Isando, Johannesburg, 1600, South Africa

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

