



Prolabs EON-OMP-x Family of products

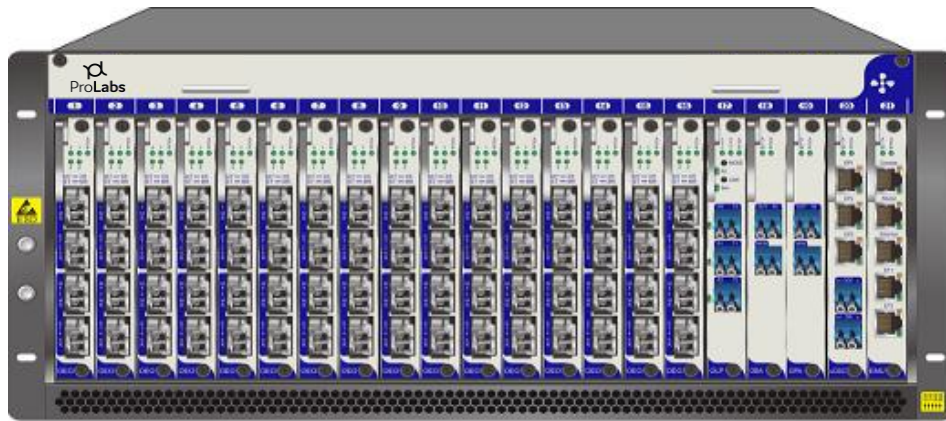




Prolabs EON-OMP-x Family of Products:



EON-OMP-2



EON-OMP-5*

Product Description

Prolabs' EON-OMP-x family of products is a compact platform that can be configured to support a variety of features and functionalities. The platform can support a wide array of interface modules, such as EDFA, OEO, OLP, OLM, FEC, OCM, OTDR, ROADM and Muxponder/Transponder modules. All interface modules are hot swappable and can be configured in any mix, so as to cater for the specific required functionality. The platform is fully redundant, with low power consumption and fully manageable – easily integrating into standard northbound management architectures. The platform can provide customers with a multi-service, multi-rate access platform which can be integrated into existing CWDM/DWDM networks, allowing a cost-effective way of extending the footprint of existing networks.

* Available Q2 2020.



Product Features

Modular design, all Interface cards can be mixed & matched as required.

Redundant, hot-swappable Power supply design supporting dual -48V, dual 220V or -48V and 220V mixed power supplies.

The Management card does not occupy an interface card slot and supports standard interfaces such as WEB GUI, Industry-standard CLI, TLI, SNMP, and northbound interfaces
Solution supports interface rates of 200G, 100G, 10G, 2.5G and below rates for long/short distance transmission

Solution supports single-fiber, single-fiber bidirectional, and dual-fiber optical cabling and can be deployed in a variety of topologies, including hub and spoke, cascaded deployments and rings.

Solution supports optical maintenance channels, optical line protection, dispersion compensation, and optical performance monitoring.

Solution supports optical line monitoring, Optical Channel Monitoring, OTDR and multi-channel optical switches.

Solution supports long distance transmission and can achieve a single span of 400km

Product Specification

Parameter	Index	
	EON-OMP-2	EON-OMP-5*
Dimensions	442×350×88 mm	442×320×220 mm
Installation width	19 Inch, which can be extended to 21 inches by replacing the mounting brackets	
Business slots	8 standard slots	20 standard slots
Maximum power consumption	200W	400W
Fan card	Built-in multi fan array	
Power	Built-in dual power supply optional dual -48V DC, dual 220V AC, -48V DC and 220V AC	
Operating temperature	-10°C ~ 50°C	
Storage temperature	-20°C ~ 80°C	
Relative humidity	5% to 95% non-condensing	

* Available Q2 2020.