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Find the *Digital Lightwave NIC ONA-P1XX* at our website: ***Click HERE***

The NIC ONA

The Digital Lightwave NIC ONA Optical Network Analyzer is a truly portable test and monitoring platform for DWDM and 10 Gbps SONET/SDH networks.

The Digital Lightwave NIC ONA™ (Optical Network Analyzer™) is equipped with C & L band optical spectrum analyzer (OSA) technology that operates from 1529 to 1603 nm and enables network technicians to monitor total broadband power, channel power and wavelength, ITU-grid frequency deviation, and gains slope measurements. It also supports the ability to define thresholds for these key measurements for extended or continuous monitoring, alarming, and reporting.

The NIC ONA's auto-scan, real-time graphic equalizer, and other user-friendly functions enable technicians to analyze DWDM networks quickly and efficiently.

In addition, the NIC ONA provides optional mapping and de-mapping capabilities from OC-192/STM-64 to STS-1/STM-0, enabling network technicians to test the entire range of SONET/SDH mappings within a 10 Gbps signal.

The NIC ONA is easy to use, with intuitive touch-sensitive GUI capabilities that allow technicians of any experience level to operate the unit. It is also fully interoperable with the entire NIC product line, providing a broad range of diagnostic capabilities.



Network Information Computer (NIC ONA)

Digital Lightwave®

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The NIC ONA

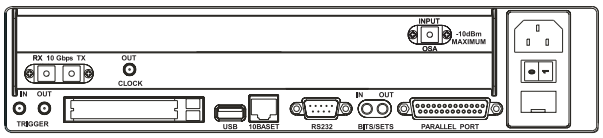
The Network Information Computer product family is a comprehensive line of portable analyzers used during the design, manufacture, installation, and maintenance of global fiber-optic networks, including SONET/SDH, DWDM, GIGE, POS, ATM, and T/E-Carrier.

Major Features:

- Optical assessment of fiber during provisioning of non-lambda protocols
- Metro and long-haul DWDM network test and turn-up
- Multiple concurrent users capability via remote control GUI
- Mapping/de-mapping functionality from OC-192/STM-64 to STS-1/STM-0 (optional)
- Real-time scan of C or L bands
- 10.4" active matrix color display with touch screen
- Dual-slot PCMCIA interface for modem and memory storage
- Software/firmware upgradeable via Web
- Two configurations: OSA standalone or OSA and 10 Gbps mapping/demapping
- Auto-scan for quick OSA results
- Graphic equalizer function for channel balancing
- SCPI over GPIB, TCP/IP or RS-232

Specifications are subject to change without notice.





Connector Panel

General Specifications

Operating Temperature: 0° to 40° C at 85% RH
Storage Temperature: -20° to 60° C at 95% RH
Power Requirements: 100 to 120 and 200 to 240 V AC, 50 to 60 Hz
Dimensions: 10.1 H x 12.3 W x 4.7 D in (257 x 312 x 120 mm)
Weight: 10.5 lbs.

Auxiliary Interfaces

RS-232 Async: DB-9
Parallel Port: DB-25
USB
Input/Output Trigger: SMA
Clock In/Clock Out
PCMCIA: Dual Slot: 2-Type II or 1-Type III
10 BaseT: RJ-45

Ordering Information

For complete feature availability, ordering, and pricing information, call your Digital Lightwave sales representative at +1 727 442 6677 or visit our Web site at www.lightwave.com.

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Digital Lightwave provides industry-leading products, technologies, and services for deploying and managing communications networks. Telecommunications service providers and equipment manufacturers rely on our offerings to develop, install, maintain, and manage high-performance networks. With a presence in more than 80 countries, Digital Lightwave enables customers to successfully implement optical-based networks worldwide. To find the nearest sales office, please visit www.lightwave.com.

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NIC ONA 8-2002A

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