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Find the *Digital Lightwave NIC ASA-PKG-OC48* at our website: ***Click HERE***

The NIC ASA 312

The Digital Lightwave NIC ASA 312 Network Information Computer is an intuitive portable testing platform for SONET, ATM and T-Carrier networks.

The Digital Lightwave NIC ASA 312® Network Information Computer® is a portable instrument for verifying and qualifying the performance of telecommunications networks and embedded network elements.

Providing a broad range of capabilities in a compact 10.5 to 14-pound package (depending on configuration), the NIC ASA 312 can simultaneously and independently test protocols ranging from DS0 through OC-48c—including ATM.

With a flexible software/firmware-based architecture, the multifunctional NIC ASA 312 combines in a single platform a multitude of traditional hardware-based test sets required to install, monitor and maintain T-Carrier, SONET and ATM networks.

The NIC ASA 312 is easy to use, with intuitive touch-sensitive GUI and test-scripting capabilities that allow technicians of any experience level to effectively operate the unit. Its flexible design lets you configure it to meet your current needs, then upgrade quickly and inexpensively as your network environment changes.

Combining innovative features, functionality and performance into a single cost-effective product, the NIC ASA 312 Network Information Computer is the most advanced testing platform available today.



Network Information Computer (NIC ASA 312)

Digital Lightwave®

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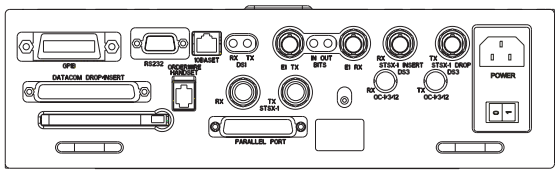
The NIC ASA 312

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, OSA, POS, ATM, Jitter, and T/E-Carrier.

Major Features:

- Simultaneous and independent testing of T-carrier, ATM, and SONET. Separate protocol processors for DS1/E1, DS3, ATM, and SONET (includes STS-1, OC-1, OC-3, OC-12, OC-48 with STS-3c, STS-12c, and STS-48c)
- Internal DS1 and DS3 drop/insert from SONET, built in M13
- SONET 1310 nm, 1550 nm or 1310/1550 nm switchable wavelength laser option
- SONET OC-48 through-mode with overhead manipulation
- ATM support for AAL0, AAL1, AAL5, traffic shaping, PVC/SVC, OAM, QoS measurements, HEC error generation, cell transfer delay
- Alarm/error generation and analysis
- Test set configuration with graphical switch matrix
- Auto configuration to pattern level
- Troublescan
- 9.5-inch active matrix color display with touch screen
- PCMCIA interface
- Built-in optical and electrical power and frequency measurement
- Remote control GUI
- Software/firmware upgradeable via Web
- SCPI over GPIB, TCP/IP, or RS-232c





Connector Panel

Specifications are subject to change without notice.

General Specifications

Operating Temperature: 0° to 40° C @ 85% RH
Storage Temperature: -20° to 60° C @ 95% RH
Power Requirements: 100 to 120 and 200 to 240 V AC, 50-60 Hz
Power Requirements with OC-48: 95 watts
Dimensions: 10.1 H x 12.3 W x 4.7 D in (257 x 312 x 120 mm)
Weight: 10.5 - 14 lbs (depending on configuration)

Auxiliary Interfaces

RS-232c: DB-9
Parallel Port: DB-25 GPIB
DCC: DB-37
BITS Clock: Bantam

Orderwire: RJ-style handset
PCMCIA: Single Slot: Type I or II
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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