

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.

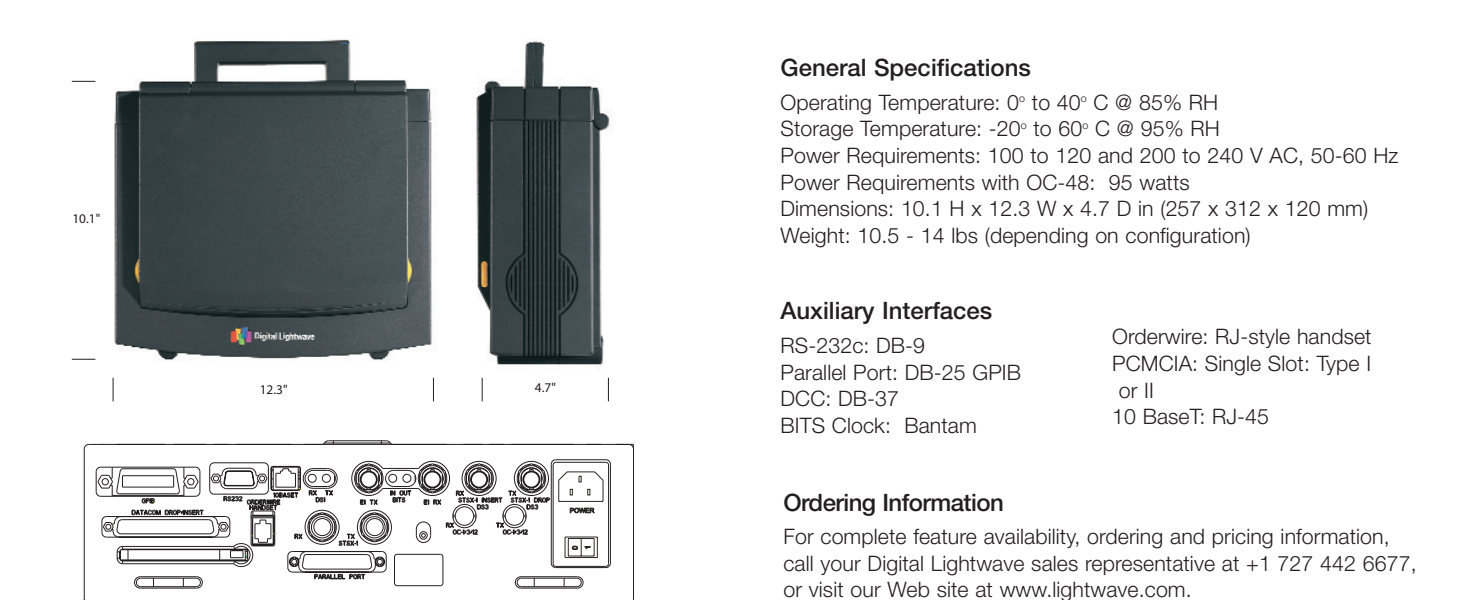
Combining innovative features, functionality and performance into a single cost-effective product, the NIC ASA 312 Network Information Computer is the most advanced testing platform available today.



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

Specifications are subject to change without notice.






Connector Panel



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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