

DUAL Nx56/64

ATLAS 550 MODULE

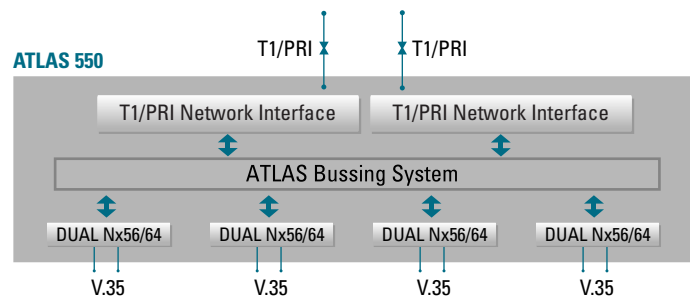
PRODUCT FEATURES

- Two V.35 DTE ports
- Synchronous operation to 2.048 Mbps
- Extensive self-test supports
- 50% duty cycle output clock at all rates
- V.54 loopback
- Generates and detects 511 test pattern
- User-mapping of DSOs to DTE port logical channels
- DTR dialing support
- Occupies a single slot in the ATLAS 550 Chassis
- Hot swappable
- Standard 5-year warranty

The Dual Nx56/64 module combines with other ATLAS 550 components to provide solutions for a variety of wide area networking applications. Providing two synchronous V.35 DTE ports, the Dual Nx56/64 module serves as the interface for high speed routers and other DTE equipment to access the wide area network.

Each port of the Dual Nx56/64 module can be configured through software to operate at any multiple of 56k or 64 kbps, up to 2.048 Mbps. Using the ATLAS Channel Mapping Utility, a port can be mapped to one or more DSOs of a T1 circuit, providing high performance connections to remote locations.

The Dual Nx56/64 module includes an extensive array of diagnostic tools, to assist in identifying and correcting network problems. Included is a built-in Self-Test utility, as well as standards-based 511 test pattern generators and detectors for both ports. Key interface signals from each port is monitored and displayed, providing real time status of network activity.



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Product Specifications

PHYSICAL INTERFACE

- V.35 standard Winchester Female Connector

OPERATING MODE

- Synchronous, V.35

DATA RATES

- Any multiple of 56k or 64 kbps up to 2.048 Mbps

CLOCK OPTIONS

- Internal, External, Internal Invert

ALARMS

- Clock Slip
- No External Clock
- PLL Failed to Lock

DIAGNOSTICS

- Self-Test

SIGNAL MONITORING

- RTS, CTS, DTR, DSR, DCD, RI, TD, RD

AGENCY APPROVALS

- FCC part 15, Class A, UL, and Canadian UL (CUL)

ENVIRONMENT

- Operating: 0° to 45°C (32° to 113°F)
- Storage: -20° to 70°C (-4° to 158°F)
- Relative Humidity: Up to 95%, non-condensing

POWER

- 2 Watts maximum

PRODUCT INCLUDES

- User manual

Ordering Information

EQUIPMENT

PART

Dual Nx56/64 Module 1200311L1

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Specifications subject to change without notice.

