



# Dual Nx56/64 V.35

## ATLAS 550 Module

### Product Features

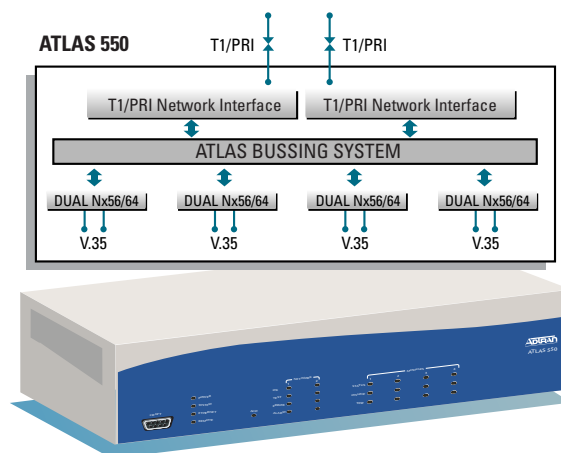
- Two V.35 DTE ports
- Synchronous operation to 2.048 Mbps
- Extensive self-test supports
- 50% duty cycle output clock at all rates
- V.54 loopback
- Generates and detects 511 test pattern
- User-mapping of DS0s to DTE port logical channels
- DTR dialing support
- Occupies a single slot in the ATLAS 550 Chassis
- Hot swappable
- Industry-leading five-year North American warranty

The Dual Nx56/64 V.35 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 DS0s 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 are monitored and displayed, providing real time status of network activity.





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# Dual Nx56/64

## ATLAS 550 Module

## 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

- Quick Start Guide

## Ordering Information

Equipment	Part #
Dual Nx56/64 Module	1200311L1

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