



# Octal BRI S/T

## ATLAS 800 Series Module

### Product Features

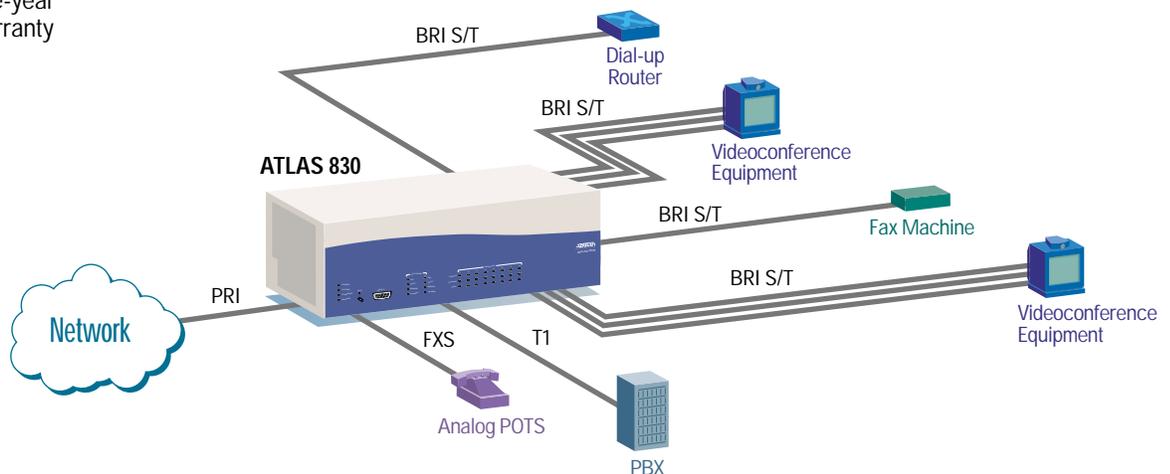
- Eight basic rate ISDN S/T-interfaces
- Occupies a single user slot in the ATLAS 830 or ATLAS 890 chassis
- NT mode support
- ANSI T1.605 compliant  
CCITT I.430  
ETSI ETS 300012
- Compliant with Lucent 5ESS, Nortel® DMS100, National ISDN, and Euro ISDN (NT mode only)
- Maximum distance of 3,000 ft
- Flash upgradable
- Hot-swappable
- Industry-leading five-year North American warranty

**The ADTRAN® Octal Basic Rate ISDN (BRI) Module contains eight ISDN S/T interfaces and combines with other ATLAS™ 800 Series components to implement an ISDN access switch. The Octal BRI Module can emulate the ISDN network to other ISDN access devices (NT mode) that support the S/T-interface, such as routers, video codecs, terminal adapters, and network termination units.**

As a component in an ATLAS 800 Series access switching application, the Octal BRI Module can consolidate multiple Basic Rate ISDN (BRI) connections onto T1/PRI access lines. The module also supports BRI-to-BRI and BRI-to-PRI switching. In addition, the ATLAS 830/890 can convert between ISDN

D channel (PRI or BRI) and T1 robbed bit signaling, allowing non-ISDN equipment to access a more efficient PRI or BRI facility. Moreover, the module's call filtering feature allows you to program on a per-user basis, the call types that will be answered and originated.

The Octal BRI module can be managed through a variety of mechanisms, including Telnet, VT100 emulation, and SNMP traps. The Octal BRI Module includes an extensive array of diagnostic tools to assist in identifying and correcting network problems including a built-in self-test utility and loopback testing for B1, B2, and 2B+D, to ensure the quality of the ISDN line.





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# Octal BRI S/T

## ATLAS 800 Series Module

## Product Specifications

### ISDN Interface

- ANSI T1.605
- CCITT I.430
- ETSI ETS 300012

### Physical Interface

- 8-Pin Modular RJ-45

### BRI Line Rate

- 2B+D, 160 Kbps full duplex

### S/T-Interface Distance

- 3,000 ft

### Switch Compatibility

- Lucent 5ESS
- Nortel DMS-100
- National ISDN
- Euro ISDN (NT mode only)

### Termination Modes

- NT (Network emulation only)
- 100 ohm/no line termination

### Diagnostics

- Self-test
- B1, B2, & 2B+D Local Loopbacks

### Agency Approvals

- FCC Part 15, Class A, FCC Part 68, UL, Canadian UL (CUL), Industry Canada CS-03

### Environment

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

### Power

- 7.0 watts

### Product Includes

- Eight RJ-45 to RJ-11 cables (7 ft)
- User manual
- Quick Start Guide

## Ordering Information

Equipment	Part #
Octal BRI S/T Module	1200343L1



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