

Quad BRI S/T



ATLAS 550 User Module

Product Features

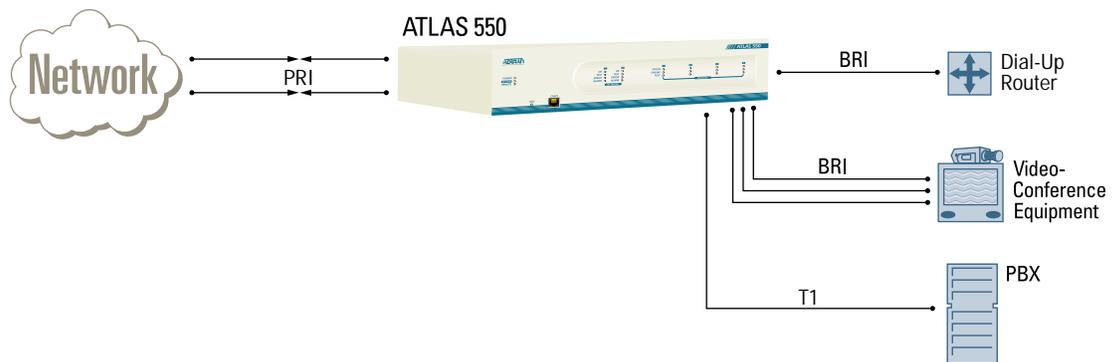
- Four basic rate ISDN S/T-interfaces
- NT mode support
- ANSI T1.605 compliant CCITT I.430 ETSI ETS 300012
- Compliant with Lucent 5ESS, Nortel DMS100, National ISDN, and Euro ISDN (NT mode only)
- Maximum distance of 3,000 ft
- Flash upgradable
- Occupies a single user slot in the ATLAS 550 chassis
- Hot swappable
- PS1 line power
- Industry-leading five-year North American warranty

The ADTRAN® Quad Basic Rate ISDN (BRI) Module contains four ISDN S/T interfaces and combines with other ATLAS™ 550 components to implement an ISDN access switch. The Quad 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. Provides up to 4W PS1 line power (1W/port) to devices such as ISDN phones.

As a component in an ATLAS 550 access switching application, the Quad 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 550 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 Quad BRI module can be configured through a variety of mechanisms, including Telnet, VT100 emulation, and SNMP traps. The Quad 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 loop-back testing for B1, B2, and 2B+D, to ensure the quality of the ISDN line.





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Quad BRI

ATLAS 550 User 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
- Provide PS1 power up to 4W (1W/port)

Product Includes

- Four RJ-45 to RJ-11 cables (7 ft) and user manual
- Quick Start Guide

Ordering Information

Equipment	Part #
Quad BRI S/T Module	1200764L1



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