Quad BRI

ATLAS 550 User Module

Product Features

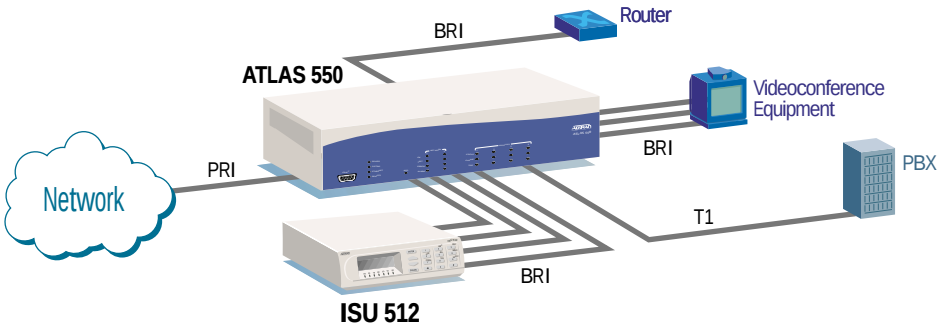
- Four basic rate ISDN U-Interfaces
- LT mode and NT mode support
- ANSI T1.601 compliant
- Compliant with Lucent 5ESS, Nortel DMS100, and National ISDN
- Near-end and far-end block error monitoring
- Maximum distance of 3,000 ft
- Flash upgradable
- Occupies a single user slot in the ATLAS 550 chassis
- Hot-swappable
- Industry-leading five-year North American warranty

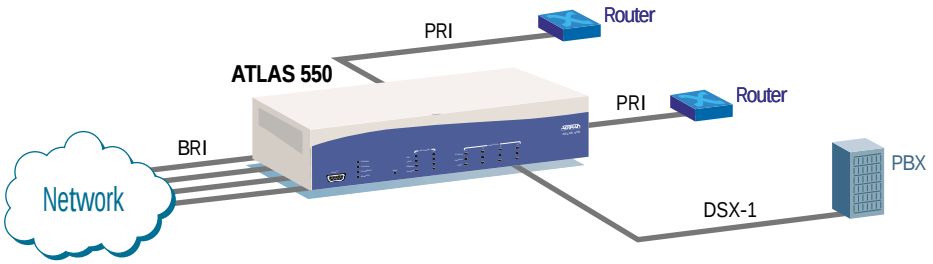
ATLAS™ includes an advanced access architecture for switching dial-up calls to specific ports or DS0s. The Quad Basic Rate ISDN (BRI) Module contains four ISDN U-Interfaces and combines with other ATLAS 550 components to implement an ISDN access switch. The Quad BRI Module can connect to the ISDN network (NT mode), or it can emulate the ISDN network to other ISDN access devices (LT mode) that support the U-Interface, such as terminal adapters and network termination units.

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, BRI-to-PRI, and PRI-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 or VT100 emulation. SNMP management is supported for alarm and event reporting.

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, local and remote loopback testing for B1, B2, and 2B+D, and performance monitoring to ensure the quality of the ISDN line.





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Product Specifications

ISDN Interface
- ANSI T1.601-1992 2B1Q U-Interface

Physical Interface
- 8-Pin Modular RJ-45

BRI Line Rate
- 2B+D, 160 kbps full duplex

U-Interface Distance
- 3,000 ft

Switch Compatibility
- Lucent 5ESS
- Nortel DMS-100
- National ISDN

Termination Modes
- LT (Network Emulation)
- NT (DCE)

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

Performance Monitoring
- Near-End Block Errors (NEBES), & Far-End Block Errors (FEBES)

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
- 2.0 watts

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

Ordering Information

Equipment	Part #
Quad BRI Module	1200315L1