



Octal FXS

ATLAS 830 and ATLAS 890 Expansion Module

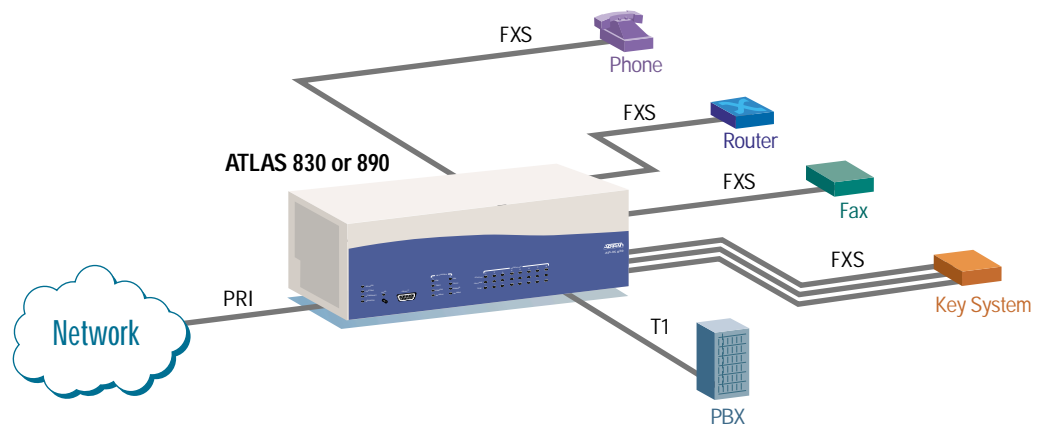
Product Features

- Provides eight FXS local loop interfaces
- All eight interfaces may be mapped to any DS0 on any of the network interfaces or dynamically switched
- Loop start, PLAR, and wink delay (for DNIS) operation
- Caller ID number supported using FSK
- 2-wire interface through an RJ-45 modular connector

The ADTRAN® ATLAS™ 830 and ATLAS 890 FXS option module provides eight 2-wire interfaces that can operate in the PLAR, Tandem (MEGACOM), or FXS mode. The Octal FXS module is designed to support PBX/key systems, analog phones and modems. The module provides talk battery, off-hook supervision and balanced ringing for short loop or premises applications.

Using the Octal FXS module in the ATLAS 830 and ATLAS 890 Series platform enables users to dynamically switch calls or statically map any DS0. The integral switch board provides dynamic, call-by call switching and routing. Calls can be routed based upon the 3-10 digit phone number. The ATLAS switchboard also supports number substitution.

The ATLAS 830 chassis can support up to four Octal FXS modules (32 total FXS ports), while the ATLAS 890 can support up to six Octal FXS modules (48 total FXS ports).





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Product Specifications

Octal FXS Physical Interface

- Modular RJ-45

Operating Modes

- FXS Loop Start
- Tandem (E&M Immediate/wink to FXS Conversion)
- Tandem Supervision

Ringing

- On Board Ring Generator
- 65 Vrms
- 12 REN per module

Loop Range

- 0 to 100 Ohms

Other Features

- CLASS Services Supported
- Line Side Answer Supervision
- Loop Reverse Battery
- Far End Disconnect
- Dialtone and Ringback Tone Generators

Environment

- **Operating:** 0° to 45°C (32° to 122°F)
- **Relative Humidity:** Up to 95%, non-condensing

Agency Approvals

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

Product Includes

- Quick Start Guide

Ordering Information

| Equipment | Part # |
|------------------|-----------|
| Octal FXS Module | 1200338L1 |

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