Analog FXS/FXO

ATLAS 550 Expansion Modules

Product Features

FXS Modules

- Provides four or eight FXS interfaces

- All interfaces may be mapped to any DS0 on any of the network interfaces or dynamically switched

- Loop start, ground start, PLAR, and wink delay (for DNIS) operation

- 2-wire interface through an eight-pin modular connector

- Flash upgradeable

FXO Modules

- Provides four or eight foreign exchange office FXO interfaces

- All interfaces may be mapped to any DS0 on any of the network interfaces or dynamically switched

- Loop start, ground start and DPT

- Extends phone lines to remote sites over T1 or Frame Relay (using Voice Compression Module)

- 2-wire interface through an eight-pin modular connector

- Flash upgradeable

FXS Modules

The ATLAS™ 550 offers both a four and an eight port FXS option module providing 2-wire interfaces that can operate in the PLAR, Tandem (MEGACOM), or FXS mode and supports PBX circuits, analog phones and modems. The module provides talk battery, off-hook supervision and balanced ringing for short loop or premises applications.

FXO Modules

The FXO modules provide four or eight foreign exchange office loop interfaces. Either of these modules should be selected when connecting voice line cards of a key system or PBX is required. PBX extensions may be extended to a remote site by combining a TSU on the remote end with FXS modules. The module can emulate the CO side of a DID (Direct Inward Dial) trunk. The module provides standard 2 FXO or DPT functionality to distances of 2400 feet.

ADTRAN®

Analog FXS/FXO

ATLAS 550 Expansion Modules

Product Specifications

FXO Physical Interface
- Eight-pin Modular

Operating Modes
- FXO (Loop and Ground Start)
- DPT

2-Wire Impedance
- 600 OHMS +2.16 uF

TLP Levels
- -6dB to +6dB – Rx Gain (in 3 dB steps)
- -6dB to +6dB – Tx Gain (in 3 dB steps)

Ring Detection
- >20 VAC @ 15-65 Hz
- 0.3 REN per port

Other Features
- CLASS Services Supported
- Line Side Answer Supervision
- Distinctive Alerting
- Far End Disconnect

Power
- 7 Watts

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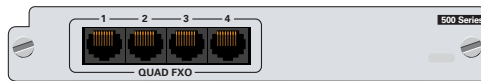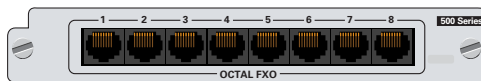- Relative Humidity: Up to 95%, non-condensing

Physical
- Modules Dimensions: 6.25" W, 8.9" D, 1.1" H
- Weight: 1.5 lbs
- Occupies one option module slot

Agency Approvals
- FCC Part 15 (A), CISPR 22 (A), Industry Canada CS03, UL 1950, CUL IEC 950, FCC Part 68

Product Includes
- Quick Start Guide

FXS Physical Interface
- Eight-pin Modular

Operating Modes
- FXS (Loop and Ground Start)
- Tandem (E&M Immediate/wink to FXS Conversion)

Ringing
- On Board Ring Generator
- 50 Vrms
- 5 REN per module

Loop Range
- 0 to 400 Ohms

Other Features
- CLASS Services Supported
- Line Side Answer Supervision
- Loop Reverse Battery
- Far End Disconnect
- Caller ID (FSK)
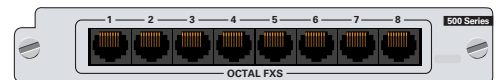
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Agency Approvals
- FCC part 15, Class A, UL, and Canadian UL (CUL)

Product Includes
- Quick Start Guide

Ordering Information

Equipment	Part #
Octal FXS Module	1200309L1
Octal FXO Module	1200310L1
Quad FXS Module	1200328L1
Quad FXO Module	1200329L1