



Voice Compression

ATLAS 800^{PLUS} Module

Product Features

- Option module for ATLAS 800^{PLUS}
- G.723.1-based compression
- Up to 32 channels of compression per module
- Voice-over frame relay
- Automatic voice/fax switching
- Flash upgradable
- Occupies a single slot in the ATLAS 800^{PLUS} chassis
- Hot swappable
- Industry-leading five-year North American warranty

The ADTRAN® ATLAS™ Voice Compression Module combines with other ATLAS components to allow voice and fax traffic to share the same lines as data and LAN traffic. A single Voice Compression Module simultaneously compresses up to 32 channels for transmission over public or private frame relay networks or dedicated leased lines. Voice and data traffic integration yields a dramatic reduction in communication expenses.

The ATLAS Voice Compression Module occupies a single slot in the ATLAS chassis and is available in 8-, 16-, 24-, and 32-channel configurations. A single ATLAS system with multiple Voice Compression Modules installed can simultaneously compress up to 64 channels.

The ATLAS Voice Compression Module interoperates with ADTRAN's desktop voice/data/frame relay product, the FSU 5622 ESP. Channelized T3, T1, Primary Rate ISDN (PRI), or Basic Rate ISDN (BRI) circuits provide network access to the ATLAS Voice Compression Module.

An ATLAS Voice Compression Module provides voice switching support enabling branch offices in a hub-and-spoke frame relay network to call each other without having a virtual circuit between them. At the host station, the ATLAS Voice Compression Module switches the call to the appropriate remote location without first decompressing it. The ATLAS Voice Compression Module also automatically determines the destination port and, based on the number that was dialed, whether the call requires compression.

The ATLAS Voice Compression Module automatically detects fax transmissions and locally demodulates the fax, sending the base-band component of the fax over the link.



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61200221L1-4-8C June 2002
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Product Specifications

Number of Channels

- 8, 16, 24, or 32

Compression Method

- ITU Recommendation G.723.1

Maximum Channels per System

- 64

Compatibility

- Requires ATLAS 800PLUS Base Unit

Agency

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

Environment

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

Power

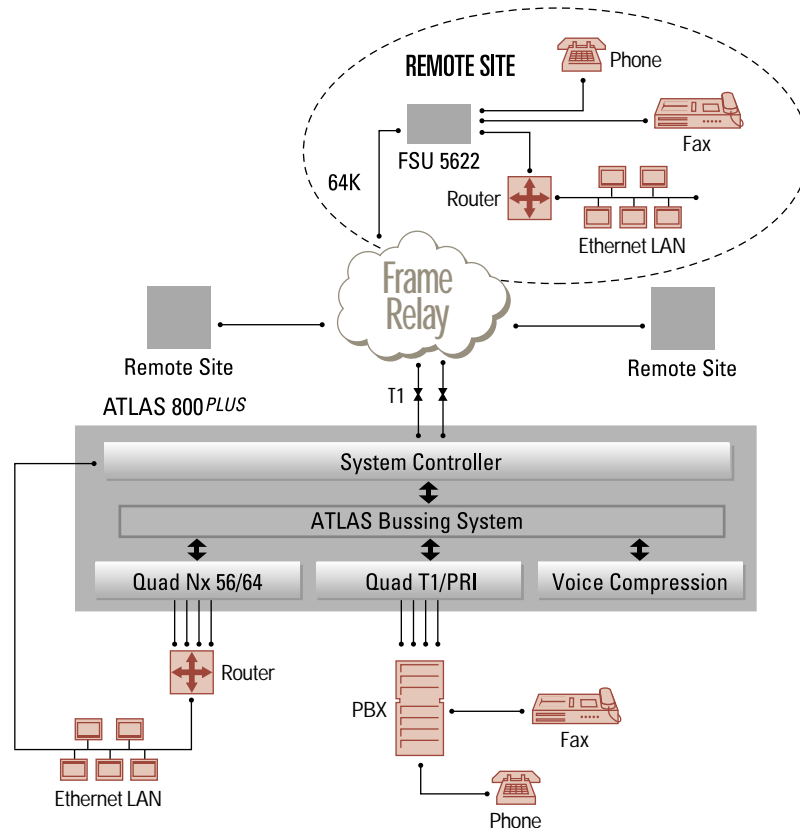
- 9.5 Watts maximum

Product Includes

- User manual

Ordering Information

Equipment	Part #
8 Channel Voice Compression Module	1200221L1
16 Channel Voice Compression Module	1200221L2
24 Channel Voice Compression Module	1200221L3
32 Channel Voice Compression Module	1200221L4



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