



32 Channel ADPCM

ATLAS 550 Resource Module

Product Features

- Resource module for ATLAS 550
- Plugs on to any ATLAS 550 user module or resource host module
- G.726 16/32 kbps ADPCM with echo cancellation
- G.711 64 kbps μ -law with echo cancellation
- G.168 Echo Canceller (8mS)
- Industry-leading five-year North American warranty

The ADTRAN® 32 Channel ADPCM (Adaptive Differential Pulse Code Modulation) resource module provides several new options for packetized voice for Voice over Frame Relay (VoFR) applications. This ADPCM module provides 32 channels of either compressed or uncompressed packetized voice for public and private Frame Relay networks or dedicated leased lines. Echo cancellation is included to increase the quality of the packetized voice. Each channel is independent from the others so selection of the packet/compression format is on a channel-by-channel basis.

This ADPCM module plugs onto any ATLAS™ 550 user module or the resource host module and performs either G.726 ADPCM compression at 16 kbps or 32 kbps to generate compressed voice or G.711 at 64 kbps for packetized, uncompressed voice.

The ATLAS 550 ADPCM module only interoperates with other ATLAS 550 units using another ADPCM module.



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ADTRAN is an ISO 9001: 2000 certified supplier.



ADTRAN is a TL 9000 3.0 certified supplier.

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Product Specifications

Compression Methods

- G.726 ADPCM at 16/32 kbps with echo cancellation
- G.711 μ -law with echo cancellation
- Transparent mode (64 kbps data mode)
- G.168 Echo Canceller

Diagnostic & Testing

- Module self-test
- QRSS pattern test
- TDM loopback

Compatibility

- Requires ATLAS User Option Modules or Resource Host Module

Agency Approvals

- FCC Part 15, Class A; CSA/UL 950/1950 3rd Edition

Environment

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

Physical

- **Dimensions:** 5.86" W x 6.10" D x 0.25" H (excluding connector)
- 2.5 Watts

Product Includes

- Quick Start Guide

Ordering Information

Equipment	Part #
32 Channel ADPCM Module	1200752L1

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