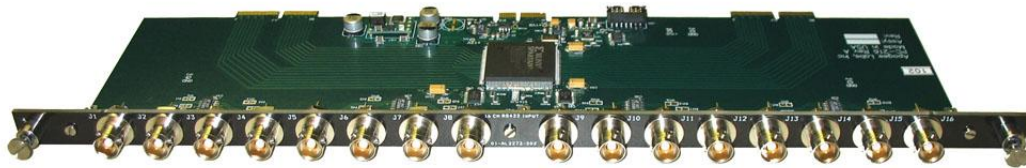


**MODEL AL2273-302****16 CHANNEL TTL
OUTPUT MODULE****1 FEATURES**

- **High Signal Density with 16 TTL Outputs per Card**
- **Industry-Standard BNC Connectors**
- **Maximum 40Mbps Operation**
- **On-board BERT logic for System Self-Test**
- **Supports AL2273 Standard Hot-Swapping**
- **Single Height AL2273 Input Module**

2 PURPOSE

The AL2273-302 16 Channel TTL Output Module is an output card for use with the AL2273 Digital Matrix Switch that allows industry-standard TTL output signal support up to 30Mbps. The card supports hot-swapping during normal operation to reduce system downtime, and incorporates a BERT function for system self-test.

3 SPECIFICATIONS

3.1 TTL OUTPUTS

- 16 Outputs, TTL Compatible
- BNC Output Connectors
- Maximum Bit Rate: 40Mbps
- Output Short Circuit Protection

3.2 TIMING PERFORMANCE

- Adjacent Channel Pair Propagation Delay Mismatch : < 5ns
- Any Channel Pair Propagation Delay Mismatch : < 10ns
- Maximum Propagation Delay : < 15ns

3.3 GENERAL

- Power Consumption: 15W
- Operating Temperature: 0 °C to 50 °C
- Relative Humidity: 0 to 95%, Non-Condensing
- Chassis Slot Requirement: Single

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