



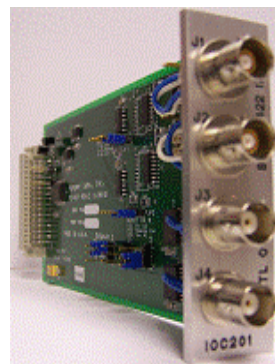
APOGEE LABS

IOC301

SINGLE ENDED ECL TO DIFFERENTIAL ECL CONVERTER

FEATURES

- Two Independent Single Ended ECL Level Inputs
- Two Independent Differential ECL Level Outputs
- Inputs Illuminate Front Panel LED's
- Drives Daisy Chain and Global Bus
- High Current Outputs
- Independent Polarity Selection
- Operates up to 20 Mbps



OVERVIEW

The IOC301 Pluggable Interface Module (PIM) accepts two single ended ECL level input signals and produces two differential ECL level output signals. Both output polarities may be inverted independently. The IOC301 uses two BNC input connectors, two triax output connectors, and operates up to 20 Mbps. A valid input to J1 of the IOC301 will illuminate the corresponding "A" LED on the chassis while a valid input on J2 will illuminate the corresponding "B" LED on the chassis. The IOC301 can also drive the daisy chain and global buses in the Model AL2073 and AL2873 chassis' enabling the user to create multiple copies of the output signals. The IOC301 is a single slot module.

SPECIFICATIONS

GENERAL

- Single slot module (3" x 6" x 0.9")
- 2 independent channels

INPUT

- ECL level inputs
- BNC type connectors
- Supports data rates up to 20 Mbps

OUTPUT

- ECL level outputs
- Triax type connector

ENVIRONMENT

- Operating temperature: 0° C to +55° C
- Storage temperature: -40° C to +70° C
- Humidity: up to 95% non-condensing