

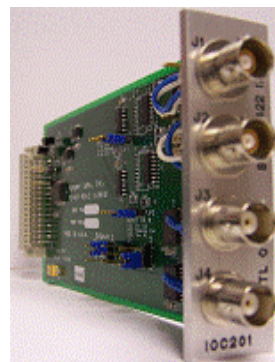


## IOC302

# DIFFERENTIAL ECL TO SINGLE ENDED ECL CONVERTER

### FEATURES

- Two Independent Differential ECL Level Inputs
- Two Independent Single Ended 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 IOC302 Pluggable Interface Module (PIM) accepts two differential ECL level input signals and produces two single ended ECL level output signals. Both output polarities may be inverted independently. The IOC302 uses two triax input connectors, two BNC output connectors, and operates up to 20 Mbps. A valid input to J1 of the IOC302 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 IOC302 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 IOC302 is a single slot module.

### SPECIFICATIONS

#### GENERAL

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

#### INPUT

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

#### OUTPUT

- ECL level outputs
- BNC type connector

#### ENVIRONMENT

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