



2167 IOSW4 SWITCH / SELECTOR MODULE



FEATURES

- TTL BNC I/O port
- HSSI ECL I/O port
- (2) RS449 I/O ports
- Selectable TTL input impedance (50 Ω or 75 Ω)
- Programmable delay
- Independent polarity control
- Up to 35 Mbps data rates
- APEX compatible

OVERVIEW

The Model 2167 IOSW4 is a data selector module. A synchronous data and clock channel can be received on either the HSSI or RS449 ports and be translated and output on the TTL port. Data and clock can also be received on the TTL port and be translated and output on either the HSSI or RS449 ports.

The Model 2167 IOSW4 provides an external (ST) clock input on the HSSI connector allowing the user the flexibility of inputting a system timing clock. Jumper selectable termination is provided on the TTL input connectors.

A primary feature of the Model 2167 IOSW4 is the ability to add timing delay to the input signals. This feature enables the user to skew the data and clock independently allowing for proper data and clock alignment at the receive end of a link.

Additional features of the Model 2167 include clock and data polarity switching, up to 35 Mbps operation, and full control of the card by either the chassis front panel or Apogee Labs' APEX software package.