



**CAUTION**  
This product requires a PXI/cPCI Chassis with replaceable card guides per the Eurocard mechanical specification

## AMi3002 M/MA Module Carrier

The AMi3002 M-Module Carrier for 3U PXI and Compact PCI (cPCI) bus features a compact high-performance PCI bus gateway to the M-Module interface. Two M-Module mounting sockets are provided by this carrier.

The cPCI interface is PCI Specification 2.2 compliant, Slave Only. The PCI to M-Module bridge is implemented using the PCI9030 PCI Bus Target Interface Chip, by PLX Technology, Inc.

### Specifications

**Number of M/MA Modules Carried:**

- Two (2) M or MA Modules

**M/MA Module Interface:**

- A08/A24, D16/D32

**M Module Interface Operation:**

- Asynchronous to PCI Clock

**Interrupts:** INTA

**Input/Output:**  
Provided by M-Module

**Temperature:**  
Operating: 0°C to 60°C  
Storage: -20°C to 70°C

**Triggers**

- PXI triggers 0 through 5 may be routed to M TRIGA & TRIGB

**Software Support**

- ANSI C Applications Library
- Applications Examples
- PLX Mon to provide user control over PCI9030

### Ordering Information

**Description**  
AMi3002 M/MA Module Carrier

**Part Number** 11029140-0001

### PCI Compliance

Complies with PCI specification 2.2 for Target Interfaces

Bi-directional FIFO for zero wait-state operation

Configurable for memory mapped and I/O mapped operation

### Applications

- Two M-Module instruments or interfaces in a single PXI/cPCI slot.
- Port customer interfaces from ITA to a PXI or cPCI slot.
- PXI or cPCI ATE "glue logic".

### Additional Information

This product is distributed in the United States by C&H Technologies, Inc.