

# Digital I/O Accessories and Cables

## CB-50LP I/O Connector Block (See Figure 6)

Termination board with 50 screw terminals for easy connection of field I/O signals to NI 650x and NI 6527 devices. Includes one 50-pin header for direct connection to 50-pin cables. The CB-50LP includes metal standoffs for use on a desktop or for mounting on a custom panel.

CB-50LP.....777101-01  
 Dimensions – 13.26 by 7.19 cm (5.22 by 2.83 in.)



Figure 6. CB-50LP I/O Connector Block

## CB-100 I/O Connector Kit (See Figure 7)

The first CB-100 kit includes two CB-50 I/O connector blocks and an R1005050 ribbon cable for connecting to a PCI-6527, PXI-6527, PCI-DIO-96, PXI-6508 device. The second CB-100 kit includes two CB-50 I/O connector blocks and/or an NB5 ribbon cable for direct connection to a PC-DIO-96 device. Each CB-50 block includes hardware for mounting the accessory on a standard DIN-rail or panel.

CB-100 with 1 m R1005050 cable .....777812-01  
 CB-100 with 1 m NB5 cable.....776455-02



Figure 7. B-100 I/O Connector Kit

## RTSI Bus Cables

Use RTSI bus cables to connect timing and synchronization signals among measurement, vision, motion, and CAN boards for PCI and ISA. For systems using both long and short boards, order the extended RTSI cable.

2 boards .....776249-02  
 3 boards .....776249-03  
 4 boards .....776249-04  
 5 boards .....776249-05  
 Extended, 5 boards .....777562-05



Figure 8. H50-50 Shielded Cable

## SH50-50 (See Figure 8)

Shielded 50-conductor cable that connects to a PCI-6503 or PC-DIO-24 device and terminates with a 50-pin connector. The kit includes the shielded cable and a 3 in. ribbon cable for connection flexibility.

1 m .....777720-01  
 2 m .....777720-02

## SH100-100-F (See Figure 9)

Shielded 100-conductor cable that connects to a PCI-6527, PXI-6527, PCI-DIO-96, PXI-6508, or DAQPad-6508 and terminates with a 100-pin 0.050 series D-type connector that attaches directly to 100-pin accessories.

2 m .....185095-02



Figure 9. SH100-100-F Shielded Cable

## PSH27-50F-D1 for DAQCard-DIO-24

Shielded cable that connects to the DAQCard-DIO-24 and is terminated with a 50-pin female connector that attaches directly to 50-pin accessories.

0.5 m .....776989-0R5  
 1 m .....776989-01