

# Modular Instrumentation Accessories and Cables

## SMB 200 Cable (See Figure 6)

SMB female to SMB female, 50 coaxial cable  
0.3 m .....763390-01

## SMB 300 Cable (See Figure 7)

SMB female to alligator clip, 50 coaxial cable  
1 m .....763388-01

## Aux100

9-pin DIN to BNC female adapter cable for the PXI-5102, PXI-5112, and PCI-5911. The cable delivers BNC connectivity for PFI2 on the 9-pin DIN connector labeled AUX  
0.3 m .....185259-0R3

## Digital Accessories and Cables

### SHC68-C68-D3

Double shielded cable for use with the PXI-5421 Digital Data and Control connector. Features controlled 100 ± 10 % differential impedance.  
1 m .....188143-01

### CB-2164 AWG LVDS Data and Control Accessory

I/O terminal block for use with the PXI-5421 Digital Data and Control (DDC) connector. Provides header access to all DDC signals in both LVDS and TTL signal standards. Features BNC connectors for PFI<2:5>, DDC Clock In, DDC Clock Out, and Data 0 signals. Connects to PXI-5421 using SHC68-C68-D3 cable.  
CB-2164 .....778767-01

### SCB-68 (See Figure 8)

Shielded I/O connector block for easy connection of I/O signals to NI 653x devices. The screw terminals are housed in a metal enclosure for protection from noise corruption. Combined with a shielded cable, the SCB-68 provides rugged, very low noise signal termination. It also includes two general breadboard.  
SCB-68 .....776844-01  
Dimensions – 19.5 by 15.2 by 4.5 cm (7.7 by 6.0 by 1.8 in)

### TB-2715 (See Figure 9)

With the TB-2715 terminal block for PXI-6534 and PXI-6533 devices, you can connect signals directly without additional cables. The TB-2715 latches to the front of your PXI module with locking screws and provides strain relief as well as easy access to your signals through shielded screw terminals.  
TB-2715 .....778242-01  
Dimensions – 8.43 by 10.41 by 2.03 cm (3.32 by 4.1 by 0.8 in.)

### TBX-68 I/O Connector Block with DIN-Rail Mounting (see Figure 10)

Termination accessory with 68 screw terminals for easy connection of field I/O signals to NI 653x devices. Includes one 68-pin male connector for direct connection to NI 653x cables. The TBX-68 is mounted in a protective plastic base with hardware for mounting on a standard DIN rail.  
TBX-68 .....777141-01  
Dimensions – 12.50 by 10.74 cm (4.92 by 4.23 in.)



Figure 6. SMB 200 Cable



Figure 7. SMB 300 Cable



Figure 8. SCB-68 and SCB-100 Shielded Connector Blocks



Figure 9. TB-2715 Terminal Block



Figure 10. TBX-68 I/O Connector Block