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# Modular Instrumentation Cables

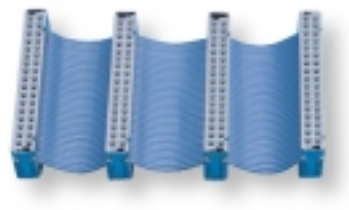


*Figure 1. RTSI Bus Cable*



*Figure 2. Extended RTSI Bus Cable*



*Figure 3. SMA 100 Cable*



*Figure 4. SMB 100 Cable*



*Figure 5. SMB 110 Cable*

## RTSI Bus Cables (see Figures 1 and 2)

Use RTSI bus cables to connect timing and synchronization signals among measurement, vision, motion, and CAN boards for PCI. For systems with long and short boards working together, use 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

## SMA and SMB Cables

### SMA 100 Cable (see Figure 3)

SMA male to SMA male, 50 Ω coaxial cable
0.15 m .....763443-01
0.45 m .....763444-01

### SMB 100 (see Figure 4)

SMB female to BNC female, 50 Ω coaxial cable for probe compensation
0.6 m .....763389-01

### SMB 110 Cable (see Figure 5)

SMB female to BNC male, 50 Ω coaxial cable
1 m .....763405-01

### SMB 111 Cable

SMB male to BNC male, 75 Ω coaxial cable for use with the NI 5401 and NI 5411.
1 m .....763422-01





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# Modular Instrumentation Cables



**SMB 200 Cable (see Figure 6)**
SMB female to SMB female, 50 Ω coaxial cable
0.3 m .....763390-01

**SMB 300 Cable (see Figure 7)**
SMB female to alligator clip, 50 Ω 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

**P-1 Probe Set (see Figure 8)**
Easy to use, versatile probe set with banana jack connectors
1 m.....761000-01

**P-2 Probe Set (see Figure 8)**
Additional probes for use with the P-1 Probe set. Includes two alligator clips, two spade connectors, two spring hooks, and two test leads.
1 m.....184698-01

**P-3 Probe Set**
Banana plug to bare wire for direct probing of circuits and cables. Each set includes one red and on a black probe.
1 m.....185692-01

**Current Shunt (see Figure 9)**
Current shunt module that connects directly into any standard DMM banana connector and features an easily accessible field replaceable fuse.
CSM-200 mA (200 mA) .....777488-01
CSM-10 A (10 A) .....777488-02

**SP200B (see Figure 10)**
Single passive oscilloscope probe with switchable attenuation of 1X and 10X. Probe kit contains IC tip, insulating tip, measuring tip, spring hook, BNC adapter, trimmer tool, and ground lead.
1.4 m .....763391-01



*Figure 6. SMB 200 Cable*



*Figure 7. SMB 300 Cable*



*Figure 8. P-1 Probe Set*



*Figure 9. Current Shunt*



*Figure 10. SP200B*





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