

Multifunction DAQ Accessories

SH100100 Shielded Cable (See Figure 15)

The SH100100 is a shielded 100-conductor cable terminated with 100-pin male 0.050 series D-type connectors. This cable connects the 100-pin E Series devices to 100-pin accessories.

1 m	182853-01
2 m	182853-02

68M-50F Cable Adapters (See Figure 16)

The 68M-50F cable adapter connects a 68-pin NI cable to a standard 0.1 by 0.1 in. 50-pin connector on third-party or custom accessories. The 68M-50F MIO should be used with the SH68-68-EP, SHC68-68-EP, SHC68U-68-EP, or the MIO leg of the SH1006868. The 68M-50F Extended I/O cable adapter should be used for the extended I/O leg of the SH1006868.

68M-50F MIO	184670-01
68M-50F Extended I/O	184670-02

SH1006868 Shielded Cable (See Figure 17)

The SH1006868 is a shielded cable that connects to 100-pin E Series devices and terminates with two female 68-pin 0.050 series D-type connectors. See Table 2 on page 213 for accessories compatible with each 68-pin connector.

1 m	182849-01
2 m	182849-02

SHC68-68-EP and SHC68U-68-EP Shielded Cables for PCMCIA DAQCards (See Figure 18)

These cables connect PCMCIA to standard 68-pin accessories. Latching screws secure the shielded connector to the PCMCIA DAQCard. The SHC68-68-EP is a shielded 68-conductor cable terminated with a VHDCI 68-pin male connector at one end and a 68-pin female 0.050 series D-type connector at the other. The SHC68U-68-EP is identical to the SHC68-68-EP except it uses an inverted VHDCI 68-pin male connector. Use the SHC68-68-EP cable with a DAQCard inserted in the lower PCMCIA slot in your laptop or when using only one DAQCard. Use the SH68U-68-EP for a DAQCard located in the upper PCMCIA slot in your laptop. When using two E Series DAQCard in adjacent slots, use one SHC68-68-EP and one SHC68U-68-EP.

SHC68-68-EP	
0.5 m	186838-0R5
1 m	186838-01
SHC68U-68-EP	
0.5 m	187406-0R5
1 m	187406-01

SH6850 Shielded Cable (See Figure 19)

The SH6850 connects a standard 68-pin E Series, S Series, or Basic multifunction DAQ product to a third party or custom standard 50-pin accessory. The cable provides a screw-latching 68-pin female connector on one side and a standard 50-pin female connector on the other side.

1 m	776784-01
2 m	776784-02



Figure 15. SH100100 Shielded Cable



Figure 16. 68M-50F Cable Adapters



Figure 17. SH1006868 Shielded Cable



Figure 18. SHC68-68-EP and SHC68U-68-EP Shielded Cables



Figure 19. SH6850 Shielded Cable