RC68-68—A 68-conductor ribbon cable that connects a DAQCard, M Series device, or NI 6143 directly to 68-pin accessories. You can use two RC68-68 cables together in adjacent PCMCIA slots or on 2-connector M Series devices.
0.25 m.....187252-0R25
0.5 m.....187252-0R5
1 m 187252-01

R6868—A low-cost, 68-conductor flat ribbon cable terminated with two 68-pin connectors. Use this cable to connect a 68-pin E Series, S Series (except NI 6143), or B Series multifunction DAQ device to 68-pin accessories.

1 m 182482-01

R6850—Combines a 68F-50M cable adapter and a standard 50-pin cable with female connectors on both ends. It is designed to adapt a 68-pin E Series, S Series, or B Series multifunction DAQ device to a third-party or custom 50-pin accessory.

1 m 776842-01

68-Pin Custom Cable Connector/Backshell Kit—A kit used to make custom cables for devices with 68-pin SCSI 2 connectors. Solder-cup contacts are available for soldering cable wires to the connector.

68-pin connector/backshell kit 776832-01

Connector Blocks

SCB-68A—Shielded I/O connector block for rugged, low-noise signal termination with 68-pin DAQ devices. It includes general-purpose breadboard areas and an IC temperature sensor for cold-junction compensation in temperature measurements. The SCB-68A is the evolution of the SCB-68 connector block. Completely redesigned from the ground up, it has a brand new mechanical enclosure, smaller footprint, and magnetic lid. It also includes features like a resettable fuse and the ability to mount via DIN rail or panel.

SCB-68A 782536-01
Dimensions—14.7 by 14.7 by 3.0 cm (5.8 by 5.8 by 1.2 in.)

SCB-68—Shielded I/O connector block for rugged, low-noise signal termination with 68-pin DAQ devices. It includes general-purpose breadboard areas and an IC temperature sensor for cold-junction compensation in temperature measurements.

SCB-68 776844-01
Dimensions—19.5 by 15.2 by 4.5 cm (7.7 by 6.0 by 1.8 in.)

SCC-68—High-performance I/O terminal block for M Series and

E Series DAQ devices that provides four slots for analog input and digital SCC signal conditioning modules, general-purpose breadboard areas, an IC temperature sensor for cold-junction compensation, and 68 screw terminals for direct I/O connectivity.

SCC-68 779475-01
Dimensions—24.46 by 17.78 by 5.30 cm (9.63 by 7.0 by 2.09 in.)

BNC-21xx—Shielded connector blocks with BNC connectors for easy connectivity to I/O signals. The BNC-2110 and BNC-2120 (for 68-pin M Series, S Series, and B Series) have BNC inputs for eight differential analog input signals, analog output signals, and some digital I/O signals. Other digital I/O signals are accessible through screw terminals. The BNC-2120 also provides a function generator, quadrature encoder, temperature reference, thermocouple connector, and LEDs for digital I/O signals. The BNC-2111 (for 68-pin M Series and B Series) has BNC inputs for 16 single-ended analog input signals, analog output signals, and some digital I/O signals. The unshielded version of the BNC-2111 is suitable for OEM applications. The BNC-2115 has BNC connectors for the extended I/O channels of 100-pin E Series devices (NI 6025E/6031E/6033E/6071E).

BNC-2110 777643-01
Dimensions—29.3 by 11.2 by 5.5 cm (8.0 by 4.4 by 2.2 in.)

BNC-2111, shielded 779347-01

BNC-2111, unshielded 779347-02
Dimensions—19.05 by 10.5 by 3.5 cm (7.4 by 3.5 by 2.0 in.)

BNC-2115 777807-01
Dimensions—20.3 by 11.2 by 5.5 cm (8.0 by 4.4 by 2.2 in.)

BNC-2120 777960-01
Dimensions—26.7 by 11.2 by 6.0 cm (10.5 by 4.4 by 2.4 in.)

BNC-2121—The BNC-2121 connector accessory is a terminal block that connects signals to an NI 660x counter device and can be used to test features of an NI 660x device.

BNC-2121 778289-01
Dimensions—20.3 by 11.2 by 5.5 cm (8.0 by 4.4 by 2.2 in.)