



# DBK40™

## 18-Connector BNC Interface



Compatibility: ✓ LogBook ✓ DaqBook ✓ DaqLab ✓ DaqScan ✓ DaqBoard/2000 Series ✓ Daq/216B

### Features

- Features 18 BNC connectors
- Provides access to 16 analog inputs

The DBK40™ provides a convenient means of attaching analog signals from BNC cables to the data acquisition system. For a low-profile modular alternative, use DBK1.

The DBK40 features 18 BNC connectors that accommodate 16 analog-input channels. One of the DBK40's BNC connectors can be switch-selected as either the TTL trigger input or as the second analog output channel.

The DBK40 features a male DB37 connector that mates with the P1 analog I/O connector. The DBK40 includes a 6 ft. cable for attachment to the P1 connector.

**Note:** For CE-compliant systems, see DBK1.



The DBK40 allows easy attachment of analog signals to a system using BNC cables



CA-37-72, DB37 female to DB37 female, 6 ft.

### Specifications

- Connector:** DB37 male, mates with P1
- Analog Input Connection:** One BNC connector for each of 16 analog input channels
- Single-Ended Mode:** Center conductor carries signal; outer conductor carries signal ground
- Differential Mode:** Center conductor of 2 adjacent BNC connectors carries input high and input low signals; outer conductor of both is attached to system ground
- TTL Trigger Input Connection:** One analog output BNC connector (J18) can be switched for a TTL trigger input connection; in TTL trigger mode, the second analog output channel is unavailable on the BNC connector
- Cable:** 6 ft. (CA-37-72)
- Dimensions:** 138 mm W x 156 mm D x 60 mm H (5.3" x 6.8" x 2.3")
- Weight:** 0.6 kg (1 lb, 5 oz)

### Ordering Information

Description	Part No.
18-connector BNC interface and cable	DBK40

#### Cables

DB37 female to DB37 female cable, 6 ft.	CA-37-72
Adapter cable for the DaqBoard P3 port	CA-60

For complete information on accessories and cables, visit [www.iotech.com/acc](http://www.iotech.com/acc)

### Related Products

LogBook	p. 75
DaqBook	p. 89
DaqLab	p. 103
DaqScan	p. 108
DBK1	p. 116
DaqBoard/2000 Series	p. 192
Daq/216B	p. 215