

# OMB-DBK40

## 18-Connector BNC Interface for OMB-LOGBOOK and OMB-DAQBOARD-2000 Series



Model OMB-DBK40

**\$419**



OMB-DBK40, \$419, 18-connector BNC analog interface, shown smaller than actual size

- ✓ **Features Eighteen BNC Connectors**
- ✓ **Provides Access to Sixteen Analog Inputs and Two Analog Outputs**

The OMB-DBK40 provides a convenient means of attaching analog signals from BNC cables to the OMB-LOGBOOK and OMB-DAQBOARD-2000 Series data acquisition systems.

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

The OMB-DBK40 features a male DB37 connector that mates with the OMB-LOGBOOK or DAQBOARD P1 analog I/O connector.

The OMB-DBK40 also accommodates the five counter-timers when attached to the DAQBOARD P3 connector.

The OMB-DBK40 includes a 1.8 m (6') cable for attachment to an DAQBOARD P1 analog I/O connector or to an DAQBOARD P3 I/O port. Attachment to the DAQBOARD P3 further requires the use of an optional OMB-CA-60 adaptor cable.

### Specifications

#### Connector:

DB37 male, mates with P1 pinout on the OMB-LOGBOOK or OMB-DAQBOARD-2000 Series or with P3 pinout on the DAQBOARD-2000 Series; BNC connectors for signal inputs

#### 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

#### Analog Output Connection:

One BNC connector for each of 2 analog output channels; center conductor carries signal, outer carries signal 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:** 1.8 m (6')

**Dimensions:** 156 x 138 x 60 mm (6.8 x 5.3 x 2.3")

**Weight:** .6 kg (1 lb, 5 oz)

**AVAILABLE FOR FAST DELIVERY!**

### To Order (Specify Model Number)

Model Number	Price	Description
OMB-DBK40	\$419	18-Connector BNC Interface

Ordering Example: OMB-DBK40 is an 18-connector BNC interface, \$419.

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