

# OMB-DBK215

## 16-Connector BNC Connection Module for Use with OMB-DAQBOARD-500 Series



OMB-DBK215, \$399, shown smaller than actual size. The OMB-DBK215 provides 16 BNC inputs or outputs and internal screw-terminal connections.

**\$399**  
Basic Unit



- ✓ Provides BNC Access to 16 Inputs or Outputs
- ✓ User Configurable
- ✓ Also Provides Screw-Terminal Connectors for All Signals

The OMB-DBK215 BNC connection module provides 16 BNC connectors for accessing analog I/O, digital I/O, or counter/timer signals. Each of the first group of eight BNC connectors is pre-defined as analog input and is jumper selectable as single ended or differential.

Each of the second group of eight BNC connectors is configured by the user as an analog input or output, digital line, or counter/timer channel. Screw-terminal connections for remaining signals not configured for the BNC connectors are accessed by removing the OMB-DBK215's top cover.

Signal wires attached to screw-terminal connections are routed through a slot in the front of the OMB-DBK215.

The OMB-DBK215 features a P5, 68-pin SCSI connector for connecting to an OMB-DAQBOARD-500 Series board.

The OMB-DBK215 is housed in a shielded metal enclosure that can be mounted to other OMB-DBK signal-conditioning and expansion modules.

A single OMB-CA-G55 or OMB-CA-G56 cable is used to connect the OMB-DBK215 to an OMB-DAQBOARD-500 Series board.

### Specifications

#### OPERATING ENVIRONMENT

##### Temperature:

-30 to 70°C (-22 to 158°F)

##### Relative Humidity:

95% RH, non-condensing

##### Vibration: MIL STD 810E

Category 1 and 10

#### CONNECTORS

**BNC:** 16 BNC connectors

**P5 68-Pin SCSI:**

Provides for connection to OMB-DAQBOARD-500 Series connector via an OMB-CA-G55 or OMB-CA-G56 cable

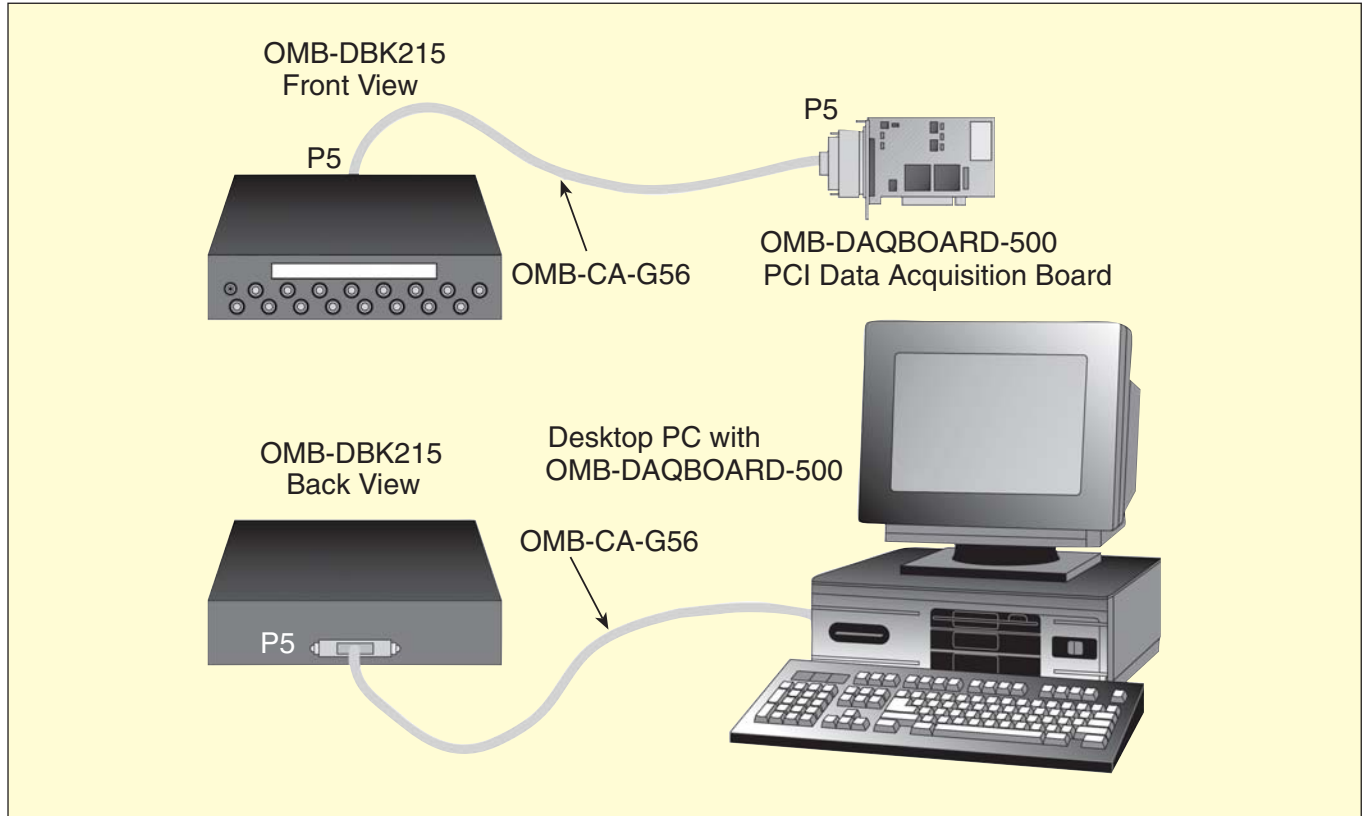
**Screw Terminals:** 12 banks of 10 connector blocks; wire size 12 to 28 AWG

##### Dimensions:

285 W x 220 D x 45 mm H  
(11 x 8.5 x 2.7")

**Weight:** 1.36 kg (3 lb)

The OMB-DAQBOARD-500 connects to the OMB-DBK215 via an OMB-CA-G56 cable



OMB-DBK215, \$399, rear view, showing connection to A/D host, shown smaller than actual size



OMB-DBK215, \$399, shown with cover removed, providing access to all screw terminals, shown smaller than actual size

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

**To Order (Specify Model Number)**

Model No.	Price	Description
OMB-DBK215	\$399	16-connector BNC connection module with internal screw-terminal connections for use with OMB-DAQBOARD-500 Series boards
OMB-RACKDBK4	103	Rack mount kit for OMB-DBK215
OMB-CA-G55	69	68-conductor ribbon expansion cable, mates with the OMB-DAQBOARD-500 Series boards, 0.9 m (3')
OMB-CA-G56	95	68-conductor shielded expansion cable, mates with the OMB-DAQBOARD-500 Series boards, 0.9 m (3')
OMB-CA-G56-6	109	68-conductor shielded expansion cable, mates with the OMB-DAQBOARD-500 Series boards, 1.8 m (6')

Each OMB-DBK215 board is supplied with complete operator's manual on CD ROM.

Ordering Example: OMB-DBK215 16-connector BNC connection module and OMEGACARE<sup>SM</sup> 1-year extended warranty (adds 1-year to standard 1-year warranty) for OMB-DBK215, \$399 + 39 = \$438.

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