

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



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

OMB-DBK215



- ✓ 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

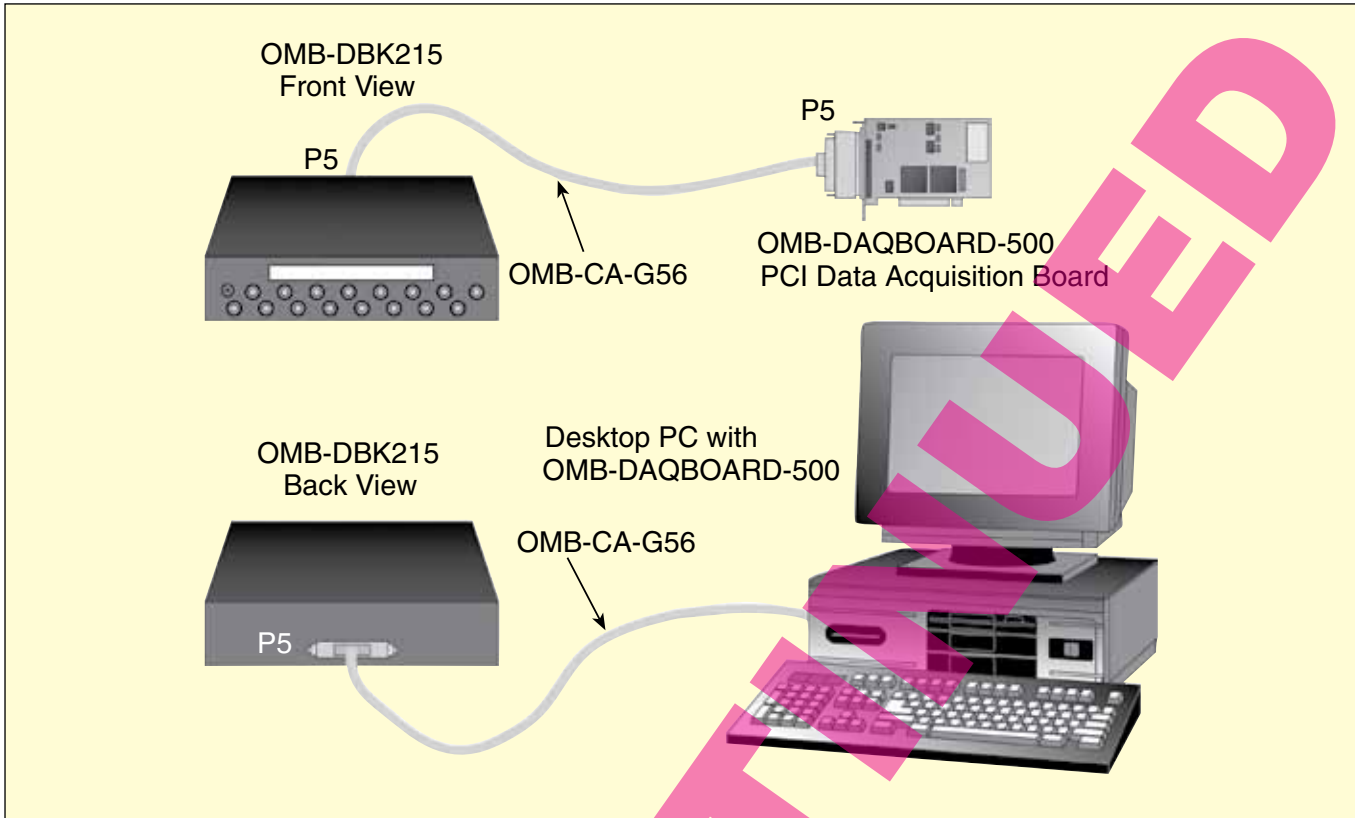
OPERATING ENVIRONMENT

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 rear view, showing connection to A/D host, shown smaller than actual size



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

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order	
Model No.	Description
OMB-DBK215	16-connector BNC connection module with internal screw-terminal connections for use with OMB-DAQBOARD-500 Series boards
OMB-RACKDBK4	Rack mount kit for OMB-DBK215
OMB-CA-G55	68-conductor ribbon expansion cable, mates with the OMB-DAQBOARD-500 Series boards, 0.9 m (3')
OMB-CA-G56	68-conductor shielded expansion cable, mates with the OMB-DAQBOARD-500 Series boards, 0.9 m (3')
OMB-CA-G56-6	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 OMEGACARESM 1-year extended warranty (adds 1-year to standard 1-year warranty) for OMB-DBK215.