



DBK215™

16-Connector BNC Connection Module



Compatibility: ✓ DaqBoard/500 Series ✓ DaqBoard/1000 Series

Features

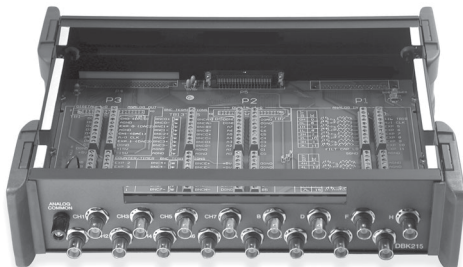
- Provides BNC access to 16 inputs or outputs, user configurable
- Also provides screw-terminal connectors for all signals

The DBK215™ BNC module provides 16 BNC connectors for accessing analog I/O, digital I/O, or counter/timer signals. The first group of eight BNC connectors are pre-defined as analog inputs and are jumper selectable as single ended or differential. The second group of eight BNC connectors are configured by the user and can be configured on a per channel basis 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 DBK215's top cover. Signal wires attached to screw-terminal connections are routed through a slot in the front of the DBK215.

The DBK215 features a P5, 68-pin SCSI connector for connecting a DaqBoard/500, or /1000 series board*. The DBK215 is housed in a shielded metal enclosure which can be mounted to other DBK signal conditioning and expansion modules.



The DBK215 provides 16 BNC inputs or outputs, and internal screw-terminal connections

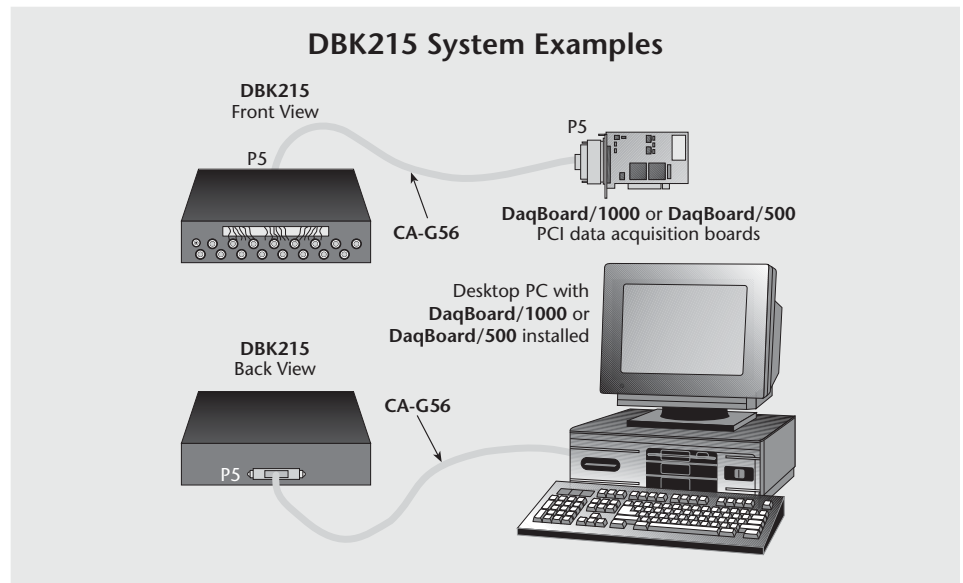


DBK215 shown with cover removed, providing access to all screw terminals



Rear view of DBK215 showing connection to the A/D host

* For DaqBoard/2000 series boards, use DBK214



A single CA-G55 or CA-G56 cable is used to connect the DBK215 to a DaqBoard/500 or /1000 series board.

Ordering Information

Description	Part No.
16-connector BNC connection module with internal screw-terminal connections for use with DaqBoard/500, or /1000 series	DBK215

Accessories

Rack mount kit	RackDBK4
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Cables

68-conductor ribbon expansion cable, mates with P5 on the DaqBoard/500, or /1000 series; 3 ft.	CA-G55
68-conductor shielded expansion cable, mates with P5 on the DaqBoard/500, or /1000 series; 3 ft.	CA-G56
68-conductor shielded expansion cable, mates with P5 on the DaqBoard/500, or /1000 series; 6 ft.	CA-G56-6

Specifications

Operating Environment:

- Temperature: -30°C to 70°C
- 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 DaqBoard/500, or DaqBoard/1000, series connector via a CA-G55 or CA-G56 cable

Screw Terminals: 12 banks of 10 connector blocks.

Wire size 12 to 28 AWG.

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

Weight: 1.36 kg (3 lbs)