

### 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/1000, DaqBoard/3000, or DaqBoard/3000USB Series boards\*. The DBK215 is housed in a shielded metal enclosure which can be mounted to other DBK signal conditioning and expansion modules.



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



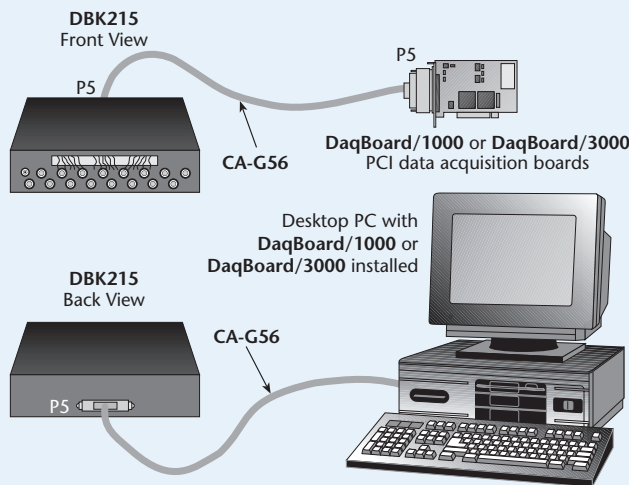
*Rear view of DBK215 showing connection to the A/D host*

\* For DaqBoard/2000 Series boards, use DBK214



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

### DBK215 System Examples



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

### Ordering Information

Description	Part No.
16-connector BNC connection module with internal screw-terminal connections for use with DaqBoard/1000 or DaqBoard/3000 Series	DBK215

### Accessories & Cables

Rack-mount kit	RackDBK4
68-conductor ribbon expansion cable, mates with P5 on the DaqBoard/1000 or DaqBoard/3000 Series; 3 ft.	CA-G55
68-conductor shielded expansion cable, mates with P5 on the DaqBoard/1000 or DaqBoard/3000 Series; 3 ft.	CA-G56
68-conductor shielded expansion cable, mates with P5 on the DaqBoard/1000 or DaqBoard/3000 Series; 6 ft.	CA-G56-6

### Specifications

#### Operating Environment

- Temperature: -30 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)