32-channel BNC Termination Panel

Features

- 32 channels of I/O terminations
- 19-inch rack mounting
- BNC connections to field wiring

Typical Applications

- Field wiring terminations
- Module I/O termination
- General-purpose patch panel

General Description   *(Product specifications and descriptions subject to change without notice.)*

The Model 1858 Termination Panel provides a convenient field termination method for module I/O signals. Arranged for 19-inch relay rack mounting, the panel permits termination of 32 I/O channels. It is 2U high and therefore occupies only 8.9 centimeters (3 1/2 'inches) of rack height. The field wiring connection layout is the same as the 1856 panel.

The 1858 includes 32 ground-isolated BNC bulkhead connectors to receive field wiring and two 50-position ribbon plug connectors for module connections. The 32 BNC connectors are divided into two groups of 16 channels each. BNC channels 1-16, are connected to one ribbon cable connector, and BNC channels 17-32 are connected to the second 50-position ribbon connector. These connectors mate with a 5950-ZIB ribbon cable connectors or with 5855-Bxyz cables for connection to a 3516 32-channel ADC module. The 5855-Bxyz cable contains a 50S ribbon connector at one end and a 50P AMP connector at the other end. The 5855-B20J 2-meter cable is standard. Other lengths are available. Two cables are required per 3516.

Each of the 3516 input channels is a differential pair. The + input conductor is connected to the center contact of a BNC connector, while the - input is connected to the shell of the BNC connector. To minimize common-mode noise, a good ground connection should exist between the signal source and the CAMAC crate.

Ordering Information

Model 1858-A1A   32-channel BNC Termination Panel

Related Products

Model 5950-Z1B   50-contact Ribbon Connector (two required for 32 channels)
Model 5855-B20J   Cable Assemblies (two required for 32-channel application with Model 3516)