FREQUENCY DEVICES™, INC.

For Fixed Frequency Filters

Single Channel Filter Mounting Box

Description

The FIB1 Filter in a Box eliminates the need to breadboard or hand-wire filter modules into individual test set-ups.
FIB1s' come factory assembled with your choice of one of our fixed frequency filters already installed. Each FIB1 has its own ±15 volts power supply and BNC connectors for the inputs and outputs. The FIB1 will work with any of the D01-EVR, D61, D64, D66, D68, D70, D72, D74, D76, D78, or D100 series filter modules.



Features/Benefits

- No more building of breadboards
- Single channel enclosed box for protecting the filter and its wiring
- Accepts a broad range of FDI filter modules allowing for selected cut off frequency and transfer function
- Provides easy connection to the filter with simple industry standard BNC connectors
- Reduced engineering design, set up, and test time
- Provisions for adjusting the DC offset of the installed filter
- Analog power supply to minimize noise

Applications

- Aerospace, navigation, sonar applications
- ATE, research and development
- Automotive and transportation
- Communication systems and electronics
- Data acquisition systems
- Industrial process control
- Medical electronics equip. and research
- Sound and vibration testing
- Noise elimination
- Signal reconstruction

Low-Pass Filters Available
D01-EVR 4, 6, and 8 pole 100 Hz to 1 MHz
D61 4-pole 0.05 Hz to 1.00 Hz
D64 4-pole 1.00 Hz to 100.0 kHz
D66 6-pole 1.00 Hz to 100.0 kHz
D68 8-pole 1.00 Hz to 100.0 kHz
D70 4, 6, 8-pole 100 Hz to 50.0 kHz
D72 2-pole 1.00 Hz to 100 kHz
D74 4-pole 1.00 Hz to 100 kHz
D76 6-pole 1.00 Hz to 100 kHz
D78 8-pole 1.00 Hz to 100 kHz
D100 4 & 8-pole 100 Hz to 100 kHz

High-Pass Filters Available
D61 4-pole 0.05 Hz to 1.00 Hz
D64 4-pole 1.00 Hz to 100.0 kHz
D66 6-pole 1.00 Hz to 100.0 kHz
D68 8-pole 1.00 Hz to 100.0 kHz
D70 4, 6, 8-pole 100 Hz to 50.0 kHz
D72 2-pole 1.00 Hz to 100 kHz
D74 4-pole 1.00 Hz to 100 kHz
D76 6-pole 1.00 Hz to 100 kHz
D78 8-pole 1.00 Hz to 100 kHz

Band-Pass Filters Available
D64BP 2-pole pair 1.00 Hz to 100.0 kHz
D68BP 4-pole pair 1.00 Hz to 100.0 kHz
D100 2-pole pair 100 Hz to 100.0 kHz

Band-Reject (Notch) Filters Available
D68BR 4-pole pair 1.00 Hz to 100.0 kHz

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