

Ultrasonic Filter

- Easy to set up and operate
- Portable size (105(H)×172(W)×68mm(D)), Rugged case
- Powered by battery or DC
- Filter and amplify the received signal at a fixed frequency
- Superior performance in analog and digital ultrasonic instruments or EMAT instruments of old and new models

Features

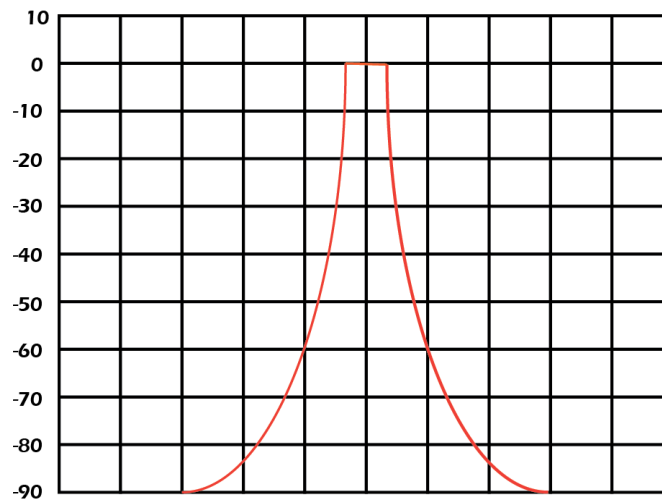
The MKFT series is used to connect to ultrasonic pulser receiver, ultrasonic flaw detector, and receiver of EMAT equipment. This equipment can be used to reduce noise, improve the signal-to-noise ratio of weak signals, or both.

The filtering band is fixed and must be customized when the signal of a specific frequency band is required.

Four Models According to Frequency Range

Model	Center Frequency	Bandpass	Gain
MKFT-565	565kHz, ± 70 kHz	495-635kHz, -3dB point	0dB, 20dB, 40dB
MKFT-690	690kHz, ± 70 kHz	620-760kHz, -3dB point	0dB, 20dB, 40dB
MKFT-1000	1MHz, ± 120 kHz	880-1,120kHz, -3dB point	0dB, 20dB, 40dB
MKFT-1500	1.5MHz, ± 200 kHz	1,300-1,700kHz, -3dB point	0dB, 20dB, 40dB

Filtering Characteristics



Specifications

- Ultrasonic filtering range: 800-1,200kHz
- Center frequency: 1MHz
- Allowable input voltage: 0-5V
- Connector: BNC/BNC
- Operating temperature: -10 ~ 50°C
- Power: 4 Rechargeable batteries
- Battery life: 10 hours continuous use
- Size: 105(H)×172(W)×68mm(D)
- Weight: 800g (Body with battery)
- Warranty: 1 year



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