



2 Channel Band Pass Filter

Model YE3790A

FEATURES

- Small size and low weight
- 6 order Butterworth filter
- 9 high pass cut-off frequencies from 5Hz to 2kHz
- 11 low pass cut-off frequencies from 10Hz to 20kHz
- 11 settings for signal amplification
- Low noise and high accuracy
- Individual channel or combination of two channels



SUPPLIED WITH

Input cable	two 2 metre coax cable with BNC sockets
Output cable	two 2 metre coax cable with BNC sockets
Power supply cable	power supply cable (0.1A)

PERFORMANCE

Input voltage range	-10V to 10V peak
Input impedance	$\geq 100k\Omega$
Output voltage	-10V to +10V peak
Output current	5mA
Noise	$\leq 1mV$
Gains	11 settings from $\times 1$, $\times 2$... $\times 10$
Accuracy	$\leq \pm 1.0\%$
High pass cut-off frequencies	5Hz, 10Hz, 20Hz, 50Hz, 100Hz, 200Hz, 500Hz, 1kHz, 2kHz with-3db \pm 1db and attenuation -36dB/octave
Low pass cut-off frequencies	10Hz, 20Hz, 50Hz, 100Hz, 200Hz, 500Hz, 1kHz, 2kHz, 5kHz, 10kHz, 20kHz with-3db \pm 1db and attenuation -36dB/octave
Low frequency limit	DC
High frequency limit	200 kHz
Power supplies	AC220V \pm 10% at 50Hz0.1A

PHYSICAL CHARACTERISTICS

Dimensions	80mm(W) \times 122mm(H) \times 220mm(D)
Weight	1.5kg
Electrical connection	BNC plugs for both input and output

ENVIRONMENT CHARACTERISTICS

Operating temperature	0°C to 40°C
Storage temperature	-55°C to 85°C
Maximum humidity	95% RH