



Charge Amplifier(Wide Frequency 500kHz)

Model: YE5856

Features:

- The upper frequency limit up to 500kHz
- Low size, high integration
- Three decimal-system uniformization output
- Built-in multiple low pass and high pass filters
- Low noise, high precision,
- Charge and voltage inputs
- Overload Indication



Specifications:

Input Range	PE/IEPE: $\pm 10\text{VP}$ (Max) Charge: $\pm 10^5 \text{ PC}$ (Max)
Output Range	Voltage: $\pm 10\text{VP}/5\text{mA}$ (Max)
Noise	$\leq 5\mu\text{V}$ (The max gain is converted into input end.)
Overload Indication	Output Peak Value is over $\pm(10 + 0.5) \text{ Vp}$, LED light and keep 2 seconds
Gain	0.1, 1, 10, 100, 1000mV/ pC (source capacitance 1nF)
Accuracy	$\leq \pm 1\%$
Low Pass Filter	0.3k, 1k, 3k, 10k, 30k, 100kHz, WB (c-3dB $\pm$ 1dB, -12dB/OCT)
High Pass Filter	0.3, 1, 3, 10, 30, 100Hz (c-3dB $\pm$ 1dB, -6dB/Oct)
Temperature	Operating: 0°C to 40°C; Storage: -55°C to 85°C
Humidity	95%R.H. (Max)
Power Supply	AC: 220V $\pm$ 10% 50Hz/0.2A; DC $\pm$ 18- $\pm$ 27V
Dimensions	70mmW $\times$ 132.5mmH $\times$ 200mmD
Weight	1.5kg
Connection	Input: L5; Output: BNC; Power: 3GTJA(AC);
Input cable	Double-ended L5 STYV-2 low noise cable(2m)
Output cable	Double-ended BNC 50 Ω output cable(2m)
Power cable	3GTJA (AC)