



Charge Amplifier(Multi Channels)

Model: YE5853

Features:

- Assembled Multi-channels (6 Channels)
- Small size, high integration
- Three decimal-system normalization output(1-10 pC/UNIT)
- Switchable for Gain and LPF
- Low noise and wide frequency band(0.3 to 100kHz)
- Low price, suitable for multi-point test
- Overload indication



Specifications:

Input	Charge: $\pm 10^5$ PC(Max)
Output	± 10 VP/5mA(Max)
DC Maladjustment	± 10 mV
Noise	$\leq 5\mu$ V (The max gain is converted into input end.)
Gain	0.1; 1; 3;10; 30;100; 300;1000mV/pC (power capacitance 1nF)
Accuracy	$\pm 1\%$
Low Pass Filter	1k, 3k, 10k, 30k, 100kHz (cut-off frequency: $-3\text{dB}\pm 1\text{dB}$, damping ratio: -12dB/OCT)
High Pass Filter	0.3Hz(cut-off frequency: $-3\text{dB}\pm 1\text{dB}$, damping ratio: -6dB/OCT , fixed)
Temperature	Operating: 0°C to 40°C ; Storage: -55°C to 85°C
Humidity	95%R.H. (Max)
Power Supply	DC: $\pm 18\text{V}$; AC: 220V50Hz
Dimensions	236mm(W) $\times$ 132.5mm(H) $\times$ 300mm(D) (six channels)
Weight	5.5kg
Connection	Input: L5; ; Output: BNC; Power: 3GTJA (AC); binding post
Input cable	2m double-head L5 STYV-2 low noise cable
Output cable	2m double-head BNC 50 Ω output coaxial cable
Power supply cable	3GTJA (AC), DC supply cable

Supply YE5853C differential charge input charge amplifier plug.