

Current input type amplifier

Model	Input Coupling	Input Form	Gain (V/A)	Frequency	Input Impedance (typ.)	Recommended Signal Source Impedance	Equivalent Input Noise Current Density (typ.)	Maximum Output Voltage	Input Connector	Output Connector	DC Power Input			
SA-604F2	DC Coupling	Unbalanced single-ended Input	Fixed 1×10^7 (10M)	DC to 500kHz	1k Ω	1M Ω or more	45fA $\sqrt{\text{Hz}}$ (1kHz)	$\pm 10\text{V}$ (RL=1M Ω) 1kHz	SMA	SMA	$\pm 15\text{V}$			
SA-605F2			Fixed 1×10^8 (100M)	DC to 250kHz	3k Ω	10M Ω or more	15fA $\sqrt{\text{Hz}}$ (1kHz)	$\pm 10\text{V}$ (RL=1M Ω) 1kHz						
SA-606F2			Fixed 1×10^9 (1G)	DC to 100kHz	10k Ω	100M Ω or more	6fA $\sqrt{\text{Hz}}$ (1kHz)	$\pm 10\text{V}$ (RL=1M Ω) 1kHz						
SA-607F2			Fixed 1×10^{10} (10G)	DC to 20kHz	30k Ω	1G Ω or more	2.5fA $\sqrt{\text{Hz}}$ (100Hz)	$\pm 10\text{V}$ (RL=1M Ω) 100Hz						
SA-608F2			Fixed 1×10^{11} (100G)	DC to 2kHz	100k Ω	10G Ω or more	0.6fA $\sqrt{\text{Hz}}$ (10Hz)	$\pm 10\text{V}$ (RL=1M Ω) 100Hz						
SA-609F2			Fixed 1×10^{12} (1T)	DC to 300Hz	600k Ω	100G Ω or more	0.4fA $\sqrt{\text{Hz}}$ (10Hz)	$\pm 10\text{V}$ (RL=1M Ω) 10Hz						
LI-76			Switchable 1×10^4 (10k)	DC to 100kHz	10 Ω	1k Ω or more	2pA $\sqrt{\text{Hz}}$	$\pm 2\text{V}$ (RL \geq 10k Ω)				BNC	BNC	+9V to +20V
			Switchable 1×10^6 (1M)	DC to 20kHz	1k Ω	10k Ω or more	130fA $\sqrt{\text{Hz}}$							
			Switchable 1×10^8 (100M)	DC to 2kHz	100k Ω	1M Ω or more	13fA $\sqrt{\text{Hz}}$							
CA5350			Switchable 10k to 100G	DC to 500kHz*	10 Ω to 30k Ω *	1k Ω to 1G Ω typ.*	Min. 6pA $\sqrt{\text{Hz}}$ *	$\pm 10\text{V}$ (No load)				-		
CA5351	Switchable 1k to 10G	DC to 500kHz*	3 Ω to 30k Ω *	100 Ω to 1G Ω typ.*	Min. 75pA $\sqrt{\text{Hz}}$ *	$\pm 10\text{V}$ (No load)								

*Depends on gain setting