

Model	Input Coupling	Frequency	Input Form	Input Impedance	Input Device Type	Equivalent Input Noise Voltage Density	Equivalent Input Noise Current Density	Gain	Maximum Output Voltage	CMRR	Input Connector	Output Connector	DC Power Voltage
SA-200F3	DC Coupling	DC to 800kHz	Unbalance, Single-ended Input	Switchable 1k/10k/100kΩ	Bipolar	0.5nV / √ Hz typ. (1kHz)	2.2pA / √ Hz typ. (10kHz)	Fixed 40dB	±10V (RL≥1kΩ) 1kHz	-	SMA	SMA	±15V
SA-240F5		DC to 20MHz		Switchable 1M/100MΩ/open	FET	1.2nV / √ Hz typ. (1kHz)	5fA / √ Hz typ. (100Hz)	Fixed 40dB	±10V (RL≥1kΩ) 1kHz	-	SMA	SMA	±15V
SA-410F3		DC to 1MHz	Balanced, differential Input (Single-ended if one side of inputs shorted)	Switchable 1k/10k/100kΩ	Bipolar	0.75nV / √ Hz typ. (1kHz)	4.5pA / √ Hz typ. (10kHz)	Fixed 40dB	±10V (RL≥1kΩ) 1kHz	110dB or more (55Hz)	SMA	SMA	±15V
SA-440F5		DC to 20MHz		Switchable 1M/100MΩ/open	FET	1.8nV / √ Hz (1kHz)	25fA / √ Hz (100Hz)	Fixed 40dB	±10V (RL≥1kΩ) 1kHz	90dB or more (10Hz to 10kHz)	SMA	SMA	±15V
5307 (Stand alone)		DC to 10MHz	Switchable (Differential/Single-ended(one side grounded))	Switchable 1MΩ/100MΩ (Via shorting plug inside unit)		4nV/√Hz typ. (1kHz)	-	Switchable *10 to *1000 (1,2,5 step)	±10.4V (RL≥1MΩ) ±5.2V (RL=50Ω) DC to 3MHz	120dB or more (DC to 1kHz)	BNC	BNC	-
SA-220F5	AC Coupling	1kHz to 80MHz	Unbalance, Single-ended Input	1MΩ	FET	0.5nV / √ Hz typ. (10kHz to 1MHz)	200fA / √ Hz typ. (100kHz)	Fixed 46dB	2Vp-p (RL=50Ω) 1kHz to 20MHz	-	SMA	SMA	±15V
SA-230F5		1kHz to 100MHz		50Ω	Bipolar	0.25nV / √ Hz typ. (10kHz to 1MHz)	5pA / √ Hz typ. (100kHz)	Fixed 46dB	1.8Vp-p (RL=50Ω) 1kHz to 20MHz	-	SMA	SMA	+15V (single power supply)
SA-430F5			Balanced, differential Input (Single-ended if one side of inputs shorted)	50Ω		0.35nV / √ Hz typ. (10kHz to 1MHz)	7pA / √ Hz typ. (100kHz)	Fixed 46dB	2Vp-p (RL=50Ω) 1kHz to 20MHz	90dB typ. (100kHz)	SMA	SMA	±15V
SA-420F5		1kHz to 70kHz		1MΩ	FET	0.9nV / √ Hz typ. (100kHz to 10MHz)	100fA / √ Hz typ. (1kHz)	Fixed 46dB	2Vp-p (RL=50Ω) 1kHz to 20MHz	55dB or more (1kHz to 10MHz)	SMA	SMA	±15V
SA-421F5		30Hz to 30MHz	Balanced, differential Input (Single-ended if one side of inputs shorted)	1MΩ		0.5nV / √ Hz typ. (100kHz to 10MHz)	100fA / √ Hz typ. (100Hz)	Fixed 46dB	2Vp-p (RL=50Ω) 100Hz to 20MHz	46dB or more (1kHz to 10MHz)	SMA	SMA	±15V
CA5360	Switchable DC Coupling /AC Coupling	DC to 1MHz (DC Coupling) 0.2Hz to 1MHz (AC Coupling)	Switchable Differential/Single-ended(one side grounded) /Single-ended(floating)	100MΩ	-	5nV/√Hz (1kHz)	-	Fixed 40dB	±5V (RL=2kΩ) DC to 500kHz	100dB or more (DC to 100Hz)	BNC	BNC	±15V /±20V /±24V
LI-75A		DC to 1MHz (DC Coupling) 0.2Hz to 1MHz (AC Coupling)		100MΩ	-	2nV/√Hz (1kHz)	-	Fixed 40dB	±10V (RL=2kΩ) DC to 200kHz	120dB or more (DC to 100Hz)	BNC	BNC	±20V to ±24V

