

APG1700

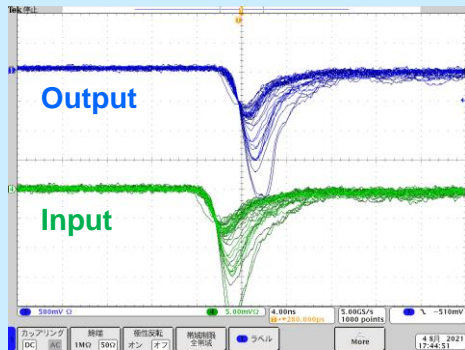
A fast amplifier that can switch gain x10 and x100.
Ideal for applications where the output from the detector is mV and **picosecond timing** is required.



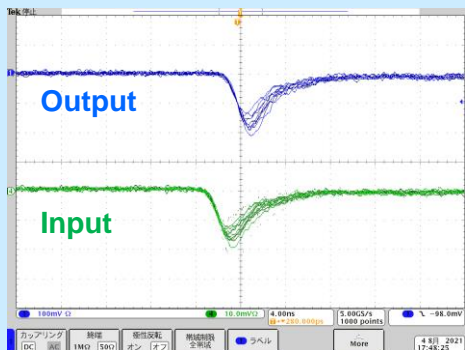
Gain switching

FAST AMP

Connection example using BaF₂ scintillation detector



Gain: x100



Gain: x10

Specifications

Input impedance	50 Ω
Rise-time	< 1 ns
Output impedance	50 Ω
Input coupling	DC
Equivalent input noise	75 μV rms
Gain	x10 (Switch: L) x100 (Switch: H) *Slide switch type
Frequency band	DC ~500 MHz
Power supply	±12V、 ±110 mA (No load)
Input connector	LEMO 00.250 compatible
Output connector	LEMO 00.250 compatible
Power terminal	D-sub9pin connector (NIM standard)
Dimensions	52.2(W) × 20(H) × 75(D) mm *Excluding connectors, screws and rubber feet
Weight	Approx. 140 g *Without connection cable



CBL-DSUB9-DSUB9-3
Cable sold separately

*Images is for illustration purpose.
*Please note that contents may change without prior notice.

