

Description	Condition	Min.	Typcial	Max.	Unit
Supply Voltage		5.4	6	6.5	V
Supply Current	It may vary according to the stabilized temperature of the APD.		300	1100	mA
Active Area (Diameter)	For SAP500 T6		500		μm
Photon Detection Efficiency	Tested with Excelitas detector at 840 nm.		45		%
Dark Counts			1k	2k	count/s
Output Pulse Width (TTL)	Adjustable		28		ns
Output Pulse Amplitude	Adjustable	4	4.2	5	V
Dead Time	Adjustable	35	62		ns
Timing Jitter	at 300 kcount/s		1		ns
Saturation Value	Adjustable		13		Mcount/s
Output Connector	Adjustable		50		Ω (SMA)
Wavelength Range		300		1000	nm
Size			20x35x48		mm
Weight			60		grams