

> 10 GHz放大光电探测器



应用：

- 可监测高重复频率的外调制连续
- 激光器的输出
- 可监测<1 mW的激光功率

特点：

- 内置互阻放大器
- 光纤输入可选

EOT > 10 GHz放大光电探测器内置的PIN光电二极管，通过光伏效应将光功率转换成电流。固定增益的互阻放大器可以测量<1 mW的功率输入。当通过50欧姆电阻连接到示波器时，可以测量激光器的脉宽。当通过50欧姆电阻连接到光谱分析仪时，可以测量激光器的频率响应。EOT > 10 GHz放大光电探测器采用外接电源。通过一根同轴电缆连接光电探测器的BNC输出口，通过50欧姆电阻连接示波器或光谱分析仪，就足以运行。

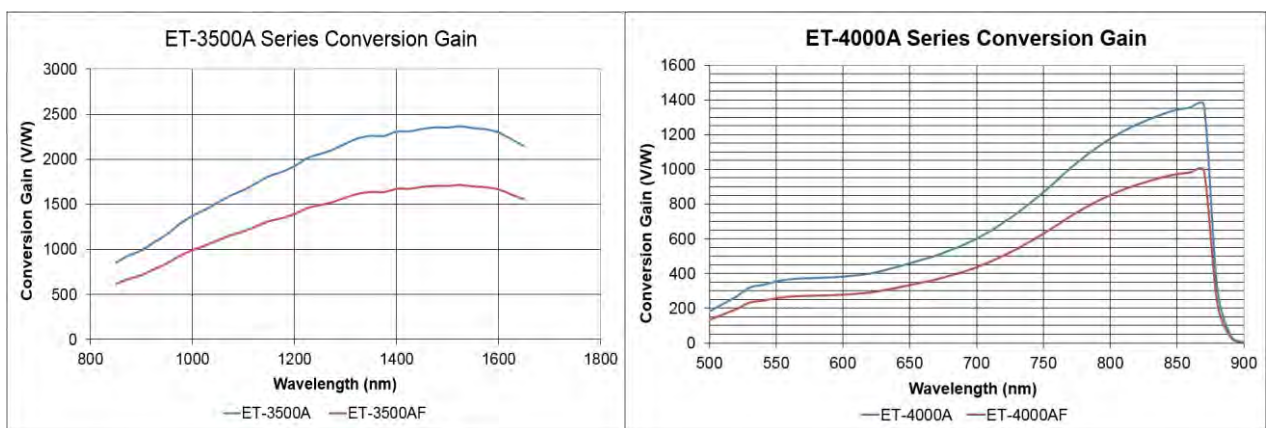
技术参数^{a,b}

Part No. (Model)	120-10060-0001 (ET-3500A)	120-10064-0001 (ET-3500AF)	120-10073-0001 (ET-4000A)	120-10077-0001 (ET-4000AF)
Detector Material	InGaAs	InGaAs	GaAs	GaAs
Rise Time/Fall Time	35ps/35ps	35ps/35ps	35ps/35ps	35ps/35ps
Conversion Gain	2250V/W at 1310nm	1620V/W at 1310nm	1340V/W at 850nm	970V/W at 850nm
Power Supply	5VDC	5VDC	5VDC	5VDC
Bandwidth	20kHz-10GHz	20kHz-10GHz	20kHz-10GHz	20kHz-10GHz
Active Area Diameter	32μm	32μm	60μm	60μm
Acceptance Angle (1/2 angle)	15°	N/A	15°	N/A
Noise Equivalent Power	25pW/√Hz	30pW/√Hz	35pW/√Hz	50pW/√Hz
DC Monitor Output	1mV/μA	1mV/μA	1mV/μA	1mV/μA
Maximum Linear Rating	450mVp-p	450mVp-p	450mVp-p	450mVp-p
Mounting (Tapped Holes)	8-32 or M4	8-32 or M4	8-32 or M4	8-32 or M4
Output Connector	SMA	SMA	SMA	SMA
Fiber Optic Connection	N/A	FC/UPC	N/A	FC/UPC

^a Product specifications are subject to change.

^b Not suitable for CW applications

Note: All products are RoHs compliant.



Electro-Optics Technology, Inc.