



Electro-Optics Technology, Inc.

<2GHz Amplified Photodetector



Applications:	Features:
<ul style="list-style-type: none"> Monitoring high repetition rate, externally modulated CW lasers Viewing <1mW 	<ul style="list-style-type: none"> Built-in transimpedance amplifier Optional FC input receptacle available

Part No. (Model) ^{a, b}	120-10013-0001 (ET-2030A)	120-10036-0001 (ET-3000A)
Detector Material	Silicon	InGaAs
Risetime	<500ps	<400ps
Falltime	<500ps	<400ps
Responsivity	450V/W @830nm	900V/W @ 1300nm
Power Supply	24V	24V
Frequency Response	30kHz – 1.2GHz	30kHz – 1.5GHz
Active Area (diameter)	400µm	100µm
Acceptance Angle (1/2 angle)	10°	20°
Noise Equivalent Power (pW/√Hz)	<60	<30
Maximum Input Linear Ratings	1.3mA peak	1.3mA peak
Output Connector	BNC	BNC
Mounting (Tapped Hole)	8-32 and M4	8-32 and M4

Notes:

- Product specifications and pricing subject to change without notice.
- Not suitable for CW applications.

5835 Shugart Lane
 Traverse City, MI 49684
 (231) 935-4044 (800) 697-6782 FAX: (231) 935-4046
sales@eotech.com www.eotech.com

Document 002-00042-0001 (02-26-10)

