

General Purpose InGaAs photodiode

1. Large cut off frequency (above 100 MHz) → **Photosensitive area 0.5 mm**
2. Not too small photosensitive area

Company	Model	Cut off freq.[MHz]	Capacitance [nF]	Dark curr. [nA]	Photosensitivity @1064nm [A/W] QE=0.86
Perkin Elmer	C30619	350 @ 8V	8 @ 8V	1	0.78 (QE 91%)
Fermionics	FD500	350 @ 5V	12 @ 5V	8 @ 5V	0,8 (QE 93%) 95%
EPITAXX (JDSU)	ETX500T	140	15 @ 0V	12	(QE 94-98 %)
Hamamatsu	G8376-05	200 @ 2V	10 @ 8V	.5 @ 5V	0.75 (QE 88%)
Laser components	IG17 series				0.78 99%

- Manufacturer website
- Best reported on the web