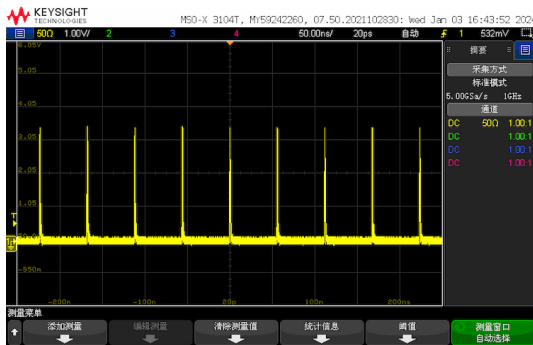


# the photodetector module

## FIBER-OPTIC TEST EQUIPMENT



The PD03 high-speed InGaAs PIN photodetector module has a photoelectric response bandwidth of  $\geq 3\text{GHz}$ , a pulse rising time of 125ps, and a working wavelength covering the wavelength of 1020 to 1650nm. The RF signal output adopts SMA interface for easy connection with RF test equipment. Suitable for optical transmission systems, ultra-fast laser pulse detection, etc.

### Specifications

Parameter	Specification
Detector material	InGaAs
Operating wavelength (nm)	800 ~1700
Optical power input range (dBm)	-10 ~ 17
Maximum electrical pulse output (mV)	1500
Photoelectric response	1.0A/W ; 30mV/mW
Back to loss (dB)	-37
Output matching impedance ( $\Omega$ )	50
RF output port	SMA

Source: WaveQuanta product database. For ordering, customization (wavelength, power, package) and quotation, contact [sales@wavequanta.com](mailto:sales@wavequanta.com).