

High-speed Photo-detector Module-PD03

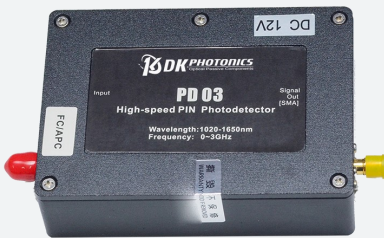
Key Features

- 3GHz Bandwidth, 125ps rising edge
- Dc coupling output, high speed SMA interface Remote Monitoring

PD03 is a high-speed InGaAs PIN photodetector module, suitable for optical transmission system and other photoelectric conversion. The photoelectric response bandwidth is $\geq 3\text{GHz}$, data receiving rate is up to 2.5GB/s, rising edge time is 125ps, and response bandwidth covers the wavelength of 1020~1650nm. The RF signal output using SMA interface, easy to connect with RF test equipment.

Applications

- Fiber Nonlinearity
- Fiber Communications
- Short Laser Pulse Measurement



Optical Parameter	Unit	Typical Values
Type	-	PD03
Wavelength Range	nm	1020~1650
Optical Power Input Range	dBm	-10 ~ 18
Rising Edge Time	ps	125
Maximum Electrical Pulse Output	mV	1500
Photoelectric Response	A/W	1.0
Return Loss	dB	-37
Output Impedance	Ω	50
High Cutoff Frequency@3dB	GHz	0~3.0
Input/Output Fiber Type	-	SMF-28e
Fiber Connector	-	FC/APC
RF output port	-	SMA
Power Supply	V	12V DC, <5W
Dimensions	mm	100(W) \times 70(D) \times 25(H)mm
Operation Temperature Range	-	-5~+55°C
Operation Humidity Range	-	0~70%

For more Info

Please contact us at:

Tel: +86-755-23736280

Fax: +86-755-26746512

E-mail: sales@dkphotonics.com

<https://www.dkphotonics.com>

Add.:

4F, Bldg. 18, Qinghu Industrial Park,

Dahe Road, Longhua Dis.,

Shenzhen, China 518109

