

Pigtailed Photodetector

Features:

- 1~1.6 μm Wavelength InGaAs PIN-PD
- Compact Size
- Cost-Effective



Applications:

- Fiber-Optic Analog Optical Link
- SONET & SDH System
- FTTX
- O/E Convertor

Specifications^{1,2}:

Parameter	Unit		
Wavelength Range	nm		1250~ 1600
Responsivity (100 μW Input Optical Power, 1300 nm)	Min.	A/W	0.80
	Typ.		0.85
Dark Current ($V_r=5\text{V}$, $T=25^\circ\text{C}$)	Typ.	nA	0.4
	Max.		1.0
Capacitance	Typ.	pF	0.7
	Max.		0.9
Input Power	Max.	mW	2.0
Cut-Off Frequency (3 dB, Impedance=50 Ω)	Min.	GHz	2.0
Operating Voltage		V	-5
Reverse Voltage	Max.	V	20
Rise/Fall Time	Max.	ns	0.3
Fiber Type	Corning SMF-28		
Operating Temperature		$^\circ\text{C}$	0~ 70
Storage Temperature		$^\circ\text{C}$	- 40~ 85
Package Dimension		mm	(ϕ)6.0 \times (L)21.0

1. Values referenced without connectors.

2. 4, 8, 16 photodetector array is also available.

Dimension:

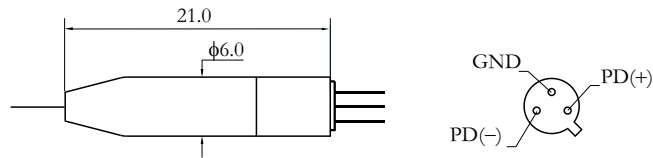


Figure 1. Pigtailed Photodetector

Order Information:

KPPD - $\frac{X}{A}$ - $\frac{XXXX}{B}$ - $\frac{X}{C}$

A	Cut-Off Frequency	2=2 GHz
		S=Custom
B	Fiber Type	250S=250 μ m bare fiber
		900L=900 μ m loose tube
		900T=900 μ m tight buffer fiber
C	Connector	N=W/O connector
		Y=With connector ¹

1. Please specify the type of connector when ordering.