

Pigttailed Photodetector

Features:

- Quick Pulse Response
- Compact Size
- Cost-Effective
- RoHS Compliant



Applications:

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

Specifications^{1, 2}:

Parameter	Unit	Grade 2A ²
Wavelength Range	nm	1260~1610
Responsivity	Min.	0.80
	Typ.	0.85
Dark Current (V _r =5V, T=25°C)	Typ.	0.4
	Max.	1.0
RL	Min.	45
Capacitance	Typ.	0.7
	Max.	0.9
Input Power	Max.	mW 7.0
Cut-Off Frequency (3 dB, Impedance=50Ω)	Min.	GHz 2.0
Operating Voltage	V	-5
Reverse Voltage	Max.	V 20
Rise/Fall Time	Max.	ns 0.3
Fiber Type		Corning SMF-28e
Operating Temperature	°C	0~70
Storage Temperature	°C	-40~85
Package Dimension	Standard	mm f5.6 (L) 21.0
	Mini	mm f3.5 (L) 18.0

1. Values referenced without connectors.
2. 4, 8, 16 photodetector array is also available.

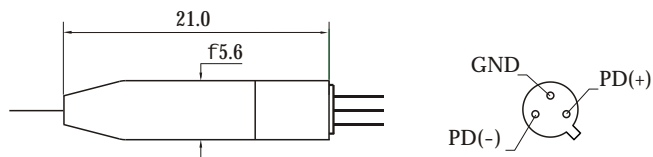
Dimension:


Figure 1. Pigtailed Photodetector (Standard)

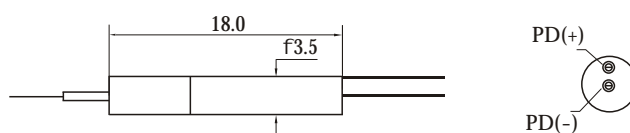


Figure 2. Pigtailed Photodetector (Mini Size)

Order Information:

$$\text{KPPD} - \underset{\text{A}}{\text{X}} - \underset{\text{B}}{\text{X}} - \underset{\text{C}}{\text{XXXX}} - \underset{\text{D}}{\text{XX}}$$

A	Package Size	S=Standard size
		M=Mini size
B	Cut-Off Frequency	2=2 GHz
		S=Custom
C	Fiber Type	250S=250mm bare fiber
		900L=900mm loose tube
		900T=900mm tight buffer
D	Connector	NN=W/O connector
		XY=With connector ¹

1. Please specify the type of connector when ordering.

Mechanical Type	Other	SC	FC	ST	MU	LC
X	0	1	2	3	4	5
Physical Contact Type	Other	PC	UPC	APC		
Y	0	1	2	3		