

460~690nm Fiber Pigtailed PhotoDiode

FEATURES

- ▣ High Responsivity
- ▣ Low Dark Current
- ▣ Wide Passband
- ▣ High Stability and Reliability
- ▣ Epoxy Free Optical Path

APPLICATIONS

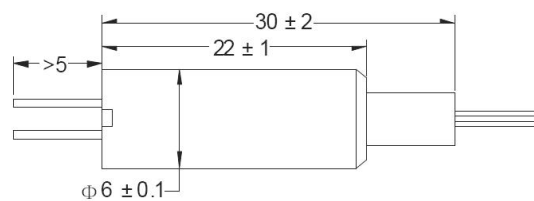
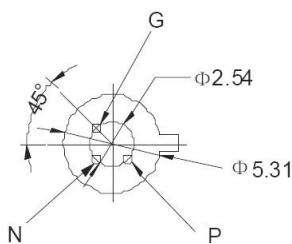
- ▣ Optical Amplifier
- ▣ Optical Networks
- ▣ Power Monitoring
- ▣ Fiber Sensor
- ▣ Lab

SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength	nm	460, 488, 520, 532	635, 650, 660, 690
Bandwidth	nm	+/-10	
Responsivity	mA/W	~200	
Return Loss	dB	≥40	
Cutoff Frequency	GHz	0.4	
Dark Current (23°C, 5V Bias)	nA	≤5	
Fiber Type	-	460-HP Fiber	630-HP Fiber
Max. Optical Power on PD (CW)	mW	5	
Operating Temperature	°C	25~45	
Storage Temperature	°C	-20~70	
Soldering Temperature	°C	≤260 (<5s, over 2mm from head)	
Absolute Max Reverse Voltage	V	20	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, RL is 5dB lower.
 3. Devices for higher optical power or with other type fiber or consigned fiber are also available.

DIMENSION DRAWING



ORDERING INFORMATION (PN)

PFPD-	NNN	-	C	NN	-	CC/CCC
	<i>Wavelength</i>		<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
	488-488nm		B- Bare fiber	05-0.5m		N-Without Connector
	635-635nm		L- Loose Tube	10-1.0m		FC/APC=FC/APC Connector
	650-650nm		2- 2mm Cable	15-1.5m		LC/PC=LC/PC Connector
			3- 3mm Cable	20-2.0m		SC/UPC=SC/UPC Connector