## 2000 nm Fiber Pigtailed Photodiode (FPPD Series)

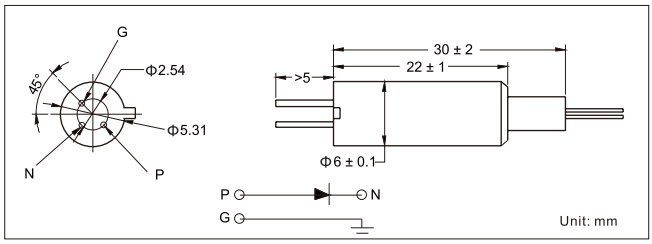
The 2 μm Fiber Pigtailed Photodiode is a coaxial package photoelectrical component. It features high responsivity, low dark current and good temperature performance over a wide wavelength range.

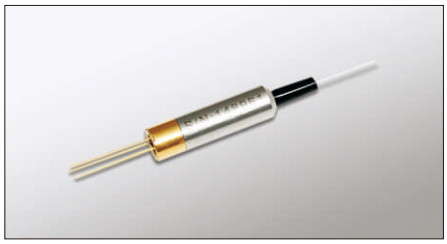
### Specifications

| Parameter | Unit | Value |
|---|---|---|
| Center Wavelength (λc) | nm | 2000 |
| Operating Wavelength Range | nm | λc ± 40 |
| Min. Responsivity | A/W | 0.8 |
| Min. Return Loss | dB | 40 |
| Max. Reverse Voltage (VR) | V | 1 |
| Typical Bandwidth (RL = 50 Ω,VR = 0 V) | MHz | 90 |
| Max. Dark Current (VR = 0.5 V @ 70℃) | uA | 1 |
| Max. Capacitance (VR = 0 V, f = 1 MHz) | pF | 50 |
| Fiber Type | | SMF-28 fiber |
| Operating Temperature | ℃ | 0 to +70 |
| Storage Temperature | ℃ | -40 to +85 |
| Soldering Temperature (over 2 mm from head, less than 5 s) | ℃ | ≤ 260 |

*RL is 5 dB lower for each connector added.

### Package Dimensions



### Ordering Information

**FPPD-①①-②-③-④**

| ①①: Center Wavelength | ②: Connector type | ③: Fiber Jacket | ④: Fiber Length |
|---|---|---|---|
| 20 - 2000 nm | 1 - FC/UPC | B - 250 μm bare fiber | 1 - 1.0 m |
| | 2 - FC/APC | L - 900 μm loose tube | F - 1.5 m |
| | 3 - SC/UPC | T - 900 μm tight buffer | S - Specify |
| | 4 - SC/APC | | |
| | N - None | | |
| | S - Specify | | |