

PD 探测器内部采用高性能 InGaAs/InP 光电二极管封装。基于其特殊的光学设计，产品具有高响应度，低暗电流和可靠性高的优点。由于其紧凑的结构和微小的体积，易于集成在高密度的光纤通信系统中。

产品特性

- 结构紧凑
- 高响应度
- 暗电流低

应用场景

- 功率监控
- 光纤放大器
- WDM 传输系统

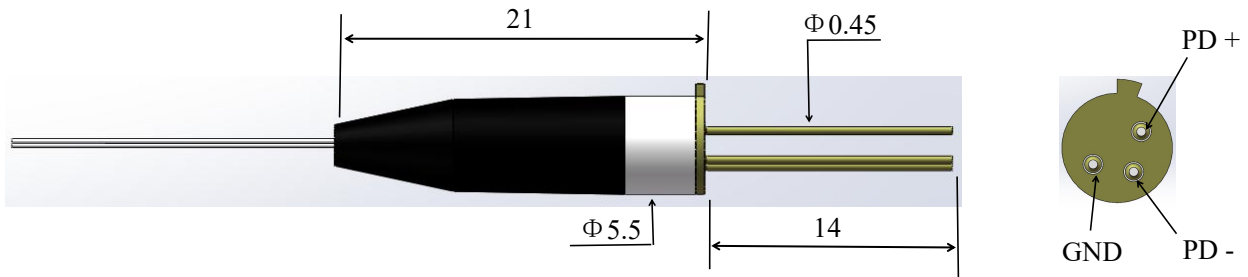
性能指标

Parameter	Unit	Value
Operating Wavelength	nm	1250~1650
Responsivity (Dual fiber)	mA/mW	≥ 0.85
Dark Current	nA	≤ 1.0 (@25° C, 5V)
Forward Current	mA	≤ 10
Reverse Voltage	V	≤ 5
Capacitance	pF	≤ 6 ($V_r=5V$, $f=1MHz$)
Return Loss	dB	≥ 45
Polarization Dependent Loss	dB	≤ 0.15
Polarization Mode Dispersion	ps	≤ 0.1
Temperature Dependent Rate	%	± 5 (@Responsivity)
Fiber Type	/	G657A1/A2/B3 or with 0.9mm Loose tube
Operating Temperature	°C	-20~+70
Storage temperature	°C	-40~+85

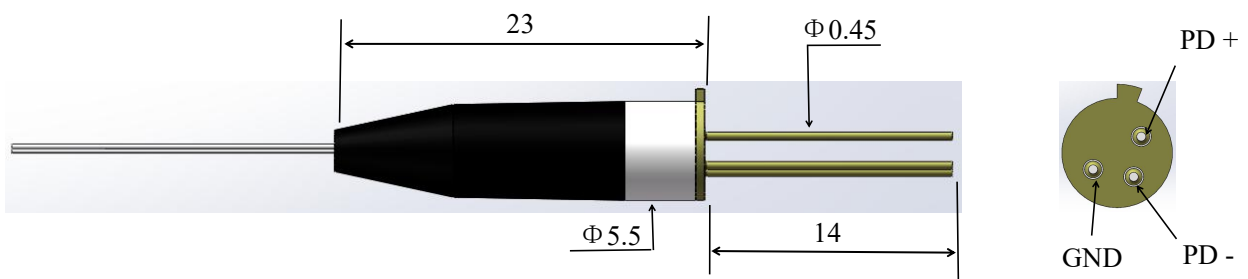
Remark: 1. The reliability test conformed the Telcordia GR-1221-CORE.
2. Specifications without connector.

尺寸结构(mm)

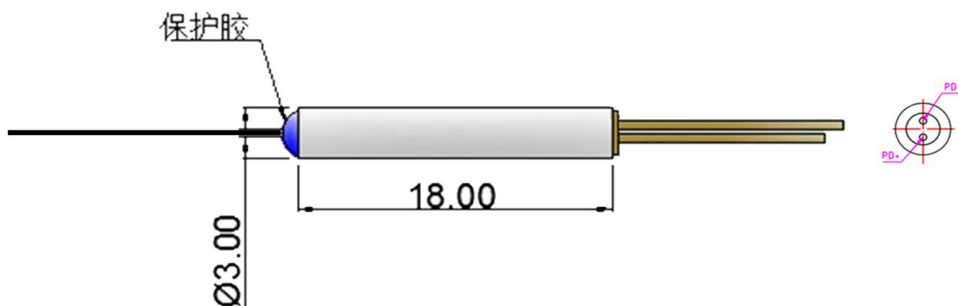
N1:Φ5.5×21 (适用裸纤、不加接头)



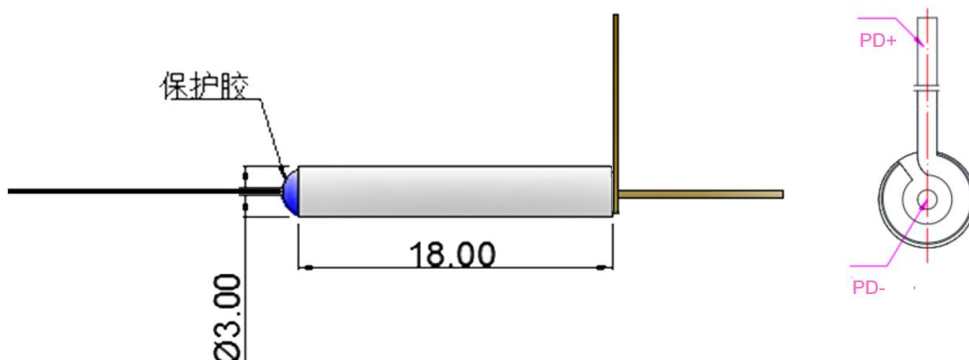
N2:Φ5.5×23 (适用套管、加接头)

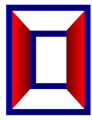


M1:Φ3.0×18(平行针脚)



M2:Φ3.0×18(垂直针脚)





 订购信息: HC - PD-A-B-C-D-E

A	B	C	D	E
封装尺寸	工作波长	光纤类型	光纤长度	连接头
N1:Φ5.5×21	1310: 1310nm	25: Ø0.25mm	05: 0.5m	00: None
N2:Φ5.5×23	1550: 1550nm	90: Ø0.9mm	10: 1.0m	FP: FC/UPC
M1:Φ3.0×18 平行	1315: 1310/1550nm	X: 其它	15: 1.5m	FA: FC/APC
M2:Φ3.0×18 垂直	X: 其它		X: 其它	SP: SC/UPC
X: 其它				SA: SC/APC
				LP: LC/UPC
				LA: LC/APC
				X: 其它