

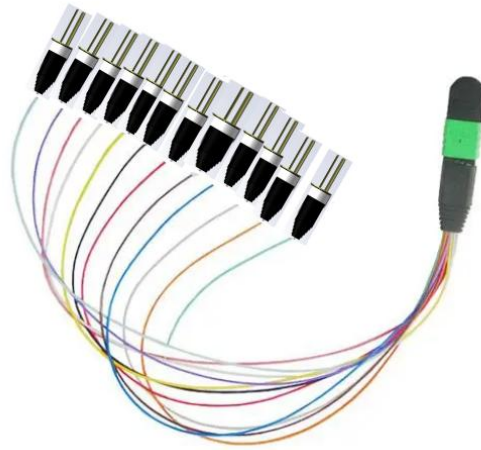
PD 探测器内部采用高性能 InGaAs/InP PIN 光电二极管封装。基于其特殊的光学设计，产品具有高响应度，低暗电流和可靠性高的优点。由于其紧凑的结构和微小的体积，易于集成在高密度的光纤通信系统中。

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 (Vr=5V, f=1MHz)
Insertion Loss	dB	≤ 0.6
Return Loss	dB	≥ 45
Polarization Dependent Loss	dB	≤ 0.15
Polarization Mode Dispersion	ps	≤ 0.1
Temperature Dependent Rate	%	± 5 (@Responsivity)
Fiber Type	/	G657A1 0.9mm Loose tube
Connector		MPO/APC Mother's head (母头)
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)

