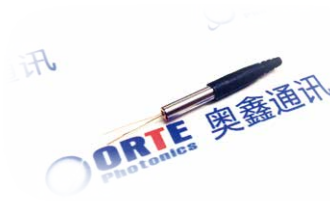


Mini Tap PD&ISO+TAP PD(Unidirectional) / 迷你分光探测器 (单方向)

Features 特征

- Low insertion loss 低插入损耗
- Wide operating wavelength range 较宽的工作波长范围
- Good temperature characteristics 良好的温度特性
- Good wavelength linearity 良好的波长线性度



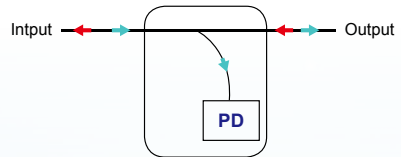
Applications 应用

- EDFA Power monitoring and control 掺铒光纤放大器功率监控与控制
- WDM Channel monitoring 波分复用器通道监控
- Variable Optical Attenuator + Multiplexer VMUX 信道光功率预均衡合波模块
- Instrument and equipment optical paths detection 仪器仪表及设备光路探测
- Optical paths protection monitoring 光路保护监控

Environmental Conditions

Parameter	Spec		Unit
	Min	Max	
Operating Temperature Range	-5	70	°C
Storage Temperature Range	-40	85	°C
Storage Humidity	5	95	%RH
Operation Humidity	5	95	%RH

Functional Diagram



Optical Specification

Parameter	Specification				Unit
	TAP PD		ISO+TAP PD		
Type	TAP PD		ISO+TAP PD		/
Wavelength Range	C-band / L-band				/
Tap Ratio	2%	5%	2%	5%	/
Maximum Input Power	22	18	22	18	dBm
Responsivity	16-25	35-65	16-25	35-65	mAW
Insertion Loss	max 0.4	0.6	0.8	1.0	dB
Isolation	min /	18			dB
Polarization Dependent Loss	max 0.1	0.25			dB
Wavelength Dependent Loss	max	0.3			dB
Temperature Dependent Loss	max	0.3			dB
Return Loss	min	45			dB
Directivity[1]	min	20			dB
Dark Current(at 70 μ , -5V bias, 0.5G)	max	5.0			nA
Reverse Voltage	max	20			V
Package Dimension	Φ 1.8*14 / Φ 2.5*17		Φ 2.5*17 / Φ 3.2*19		mm

[1] Directivity is defined as $10 \lg \frac{R}{1-R}$, where R stands for responsivity.

Physical Dimension Specifications

