

Tap Photo Detector Monitor

Product Features

- Low insertion loss
- Compact Size, Integrated Device
- Customized Tap Ratio Available

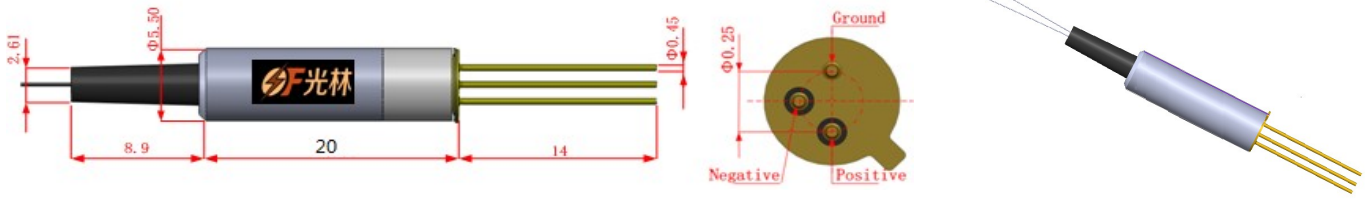
Product Application

- WDM Channel Monitoring
- Gain Monitoring for Amplifier
- Optical Network switch
- protection Monitoring

Specifications

Parameter	Value		
Operating wavelength	1260~1360 and 1460~1620 and 1260~1620		
Tap ratio	1%	1%	1%
Responsibility (mA/W)	7 to 12	7 to 12	7 to 12
Insertion loss (dB)	0.5	0.5	0.5
WDL (dB)	≤0.3		
ER (dB)	≤0.1		
TDL (dB)	≤0.3		
Return Loss (dB)	≥45		
Dark Current(Vr=5V, 25°C) (nA)	≤5.0 (1.0 Typical)		
Reverse Voltage (V)	20		
Forward Current (mA)	≤10		
Capacitance(Vr=5V, f=1MHz) (pF)	≤8.0 (5.0 Typical)		
Bandwidth(RL=50Ω, -3dB) (GHz)	2		
Fiber Type	SMF-28e		
Operating temperature (°C)	-5 ~ +70		
Storage temperature (°C)	-40 ~ +85		
Max input power (mW)	≤500		
Dimensions (mm)	Normal Size: Φ5.5 × L20		

Package Dimensions



Ordering Information

TP M	Wavelength	CR	Pigtail Type	Fiber Type	Length	Connector	Size
	1310nm 1550nm 1260~1620nm	1% 3% 5%	250um bare fiber 900um loose tube	SMF-28e	1m	None FC/APC Other	5.5x26 mm

