



# Single Channel Tap/Photodiode

## Features

- Low Insertion Loss and PDL
- Wide Spectral Response
- High Quality and Reliability
- Low Cost

## Applications

- Optical Signal Power Monitoring
- Gain and Power Monitoring in EDFA
- OADM
- OXC
- High Speed Test System
- Measurement Instrumentation



## Performance Specifications

Parameter		Specification
Operating Wavelength(nm)		1270 ~ 1350 or 1500 ~1620
Insertion Loss*(dB)	1% Tap	≤0.5
	2% Tap	≤0.5
	5% Tap	≤0.6
Polarization Dependent Loss(dB)		≤0.05
Return Loss(dB)		≥ 45
PD Responsivity(A/W)		≥ 0.8
Dark Current(nA) @ -5V bias		≤1
PD Linearity		± 10%
Operating Temperature(°C)		- 20 ~ +65
Storage Temperature(°C)		-40 ~ +85
Fiber Type		SMF-28
Dimensions (mm)		Φ5.5 x 28

\* Excluding connectors.

## Ordering Information

TPTD	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	Wavelength	Tap Ratio	Pigtail Style	Fiber Length	In/Out Connector
	15=1550nm 13=1310nm CL=C+L Band	01=1/99 02=2/98 05=5/95 :	1=250um bare fiber 2=900um Jacket	1=1 m 2=2 m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC