

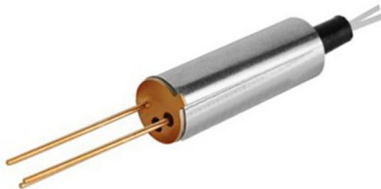
Unidirectional Tap Photo Detector

Features

- ◆ Low WDL/PDL
- ◆ Low dark current
- ◆ High reponsibility
- ◆ Flexible tap ratio
- ◆ Compliance with RoHS
- ◆ Unidirectional

Application

- ◆ Optical Link Protection Monitoring
- ◆ WDM System Multi-Channel Monitoring
- ◆ OADM/EDFA System Power Monitoring



Specification

Parameter	Specification	Unit
Operating wavelength	C Band: 1530-1565 L Band: 1570-1610	nm
Tap Ratio	5:95 3:97 1:99	%
Insertion Loss	≤0.6	dB
WDL	≤0.2	dB
PDL	≤0.1	dB
TDL	≤0.3	dB
RL	≥45	dB
Directivity	≥25	dB
Reverse Voltage	≤25	V
Operating Voltage	- 5	V
Forward Current	≤10	mA
Dark current@25 °C	≤5, typ 1	nA
Storage Temperature	- 40----- + 85	°C
Operating Temperature	- 5----- + 70	°C
Package Size	5.5x30	mm
Connector loss not included		

Ordering Information

GLTP	Wavelength	Tap Ratio	Fiber Type	Fiber Length	Connector Type
GB-Link Tap PD	C=C Band	5/95	B=250um bear fiber	03=0.3m	0=No connector 1=SC/APC 2=SC/UPC 3=LC/APC 4=LC/UPC 5=FC/APC 6=FC/UPC ST=ST connector MU=MU connector
	L=L Band	3/97	09=0.9mm loose tube	05=0.5m	
	CL=C+L Band	1/99		10=1m	
				15=1.5m 20=2m	