

TAP PD / TAP PD Array Module



Product Introduction

TAP PD and TAP PD Array are common optical power monitoring device. TAP PD integrates a micro-optic tap coupler and high-sensitivity photodiode in a compact package. According to the package dimension they are classified into ordinary and mini size. OPDM is multi-channel optical power monitoring device which made of single channel TAP-PD.

The products are Telcordia GR-468-CORE qualified, and RoHS compliant.

Features

- Ultra compact size
- Multi-channel detective
- Low WDL
- Low PDL

Applications

- DWDM channel monitoring
- Optical line protection
- OPM module
- V-Mux module

Standards

- Telcordia GR-468-CORE
- RoHS

Specifications

Parameter	Unit	Specifications						Notes
Type		Common			Mini			
Wavelength	nm	1510~1610、1260~1360&1510~1610						
Tap Ratio		1:99	5:95	10:90	1:99	5:95	10:90	
Insertion Loss ¹	dB	≤0.6	≤0.7	≤1.0	≤0.6	≤0.7	≤1.0	
WDL	dB	≤0.3						
PDL	dB	≤0.1						

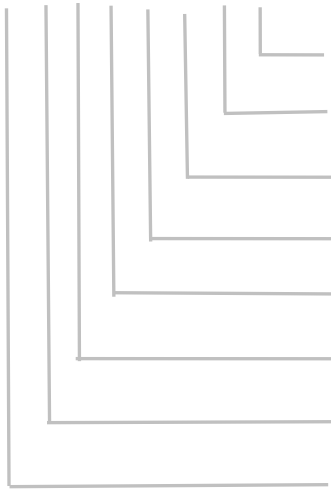
Return Loss	dB	≥45							
PD Responsivity	μA/mW	≥7	≥40	≥70	≥7	≥40	≥70	PIN respond to the input port	
Dark Current	nA	<1						@-5v Vr,25°C	
Capacitance	pf	≤1.5			≤10			f=1MHz;Vr=5V	
Bandwidth	MHz	>1000			>300			RL=50,5v,-3dB	
Maximum Input Optical Power	dBm	24	17	14	24	17	14		
Maximum Reverse Voltage Vr	V	15							
Maximum Forward Current	mA	10							
Package	Component	mm	Φ5.5*28			Φ3.0*22			
	Module		75*60*12(Single Channel-1) 75*60*15(Single Channel-2) 53*40*10(2/4/5 channels)			33*31*6(8 channels)			

Notes: Insertion loss doesn't include connector loss.

Ordering Information

TAP PD

TAPD-□-□-□-□-□-□-□-□



Pin Type: 00: unbent 、 01: bent

Bracket Style: C: Φ5.5*28、 M:Φ3.0*22

Connector: FC,SC,LC,MU/UPC,APC

Fiber Length: 1:1.0m、 customer specify

Fiber Dia: 09: Φ0.9mm、 025: Φ0.25mm

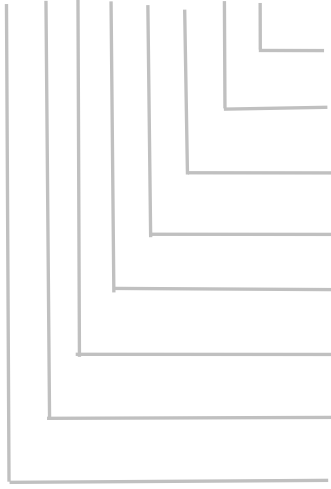
Fiber Type: S: single mode fiber、 H: G.655 single mode fiber

Tap Ratio: 01:1/99、 05:5/95、 10:10/90

Wavelength: 1550:1510~1610nm、 135:1310&1550nm

TAP PD Array Module

OPDM-□-□-□-□-□-□-□-□



Connector: 00: no connector 、 FC、 SC、 LC/UPC、 APC

Fiber Length: 00:adapter、 1:1.0m、 customer specify

Fiber Dia: 09: Φ 0.9mm、 025: Φ 0.25mm

Fiber Type: S: single mode fiber、 H: G.655 single mode fiber

Tap Ratio: 01:1/99、 05:5/95、 10:10/90

Wavelength: 1550:1510~1610nm、 135:1310&1550nm

Channel Number: 1:Single channel、 4:4 channels、 8:8 channels

Type: C:Common type、 M:Mini type

