

The twin-core pigtail structure enables a certain proportion of light transmission to the detector and the rest of the light to another fiber. Used for WDM network monitoring, fiber amplifiers, optical switches, etc.

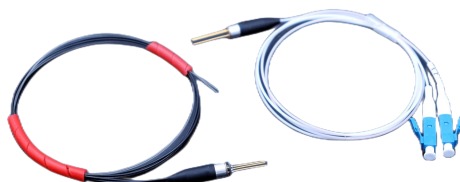
## Features

The spectroscopic ratio is optional

(1%, 2%, 5%, 10%)

Small size

High reliability and stability



## Application

Optical communication network monitoring

WDM channel monitoring

Instrumentation equipment optical path detection

## Performance Specifications

Parameters	Unit	Specifications			
Operating wavelength	nm	1310nm/1510nm			
Splitting Ratio	-	1%	2%	5%	10%
Maximum input power	dBm	25	22	18	16
Responsiveness	mA/W	7~12	14~24	40~60	85~100
Insertion Loss <sup>1</sup>	dB	≤0.5	≤0.5	≤0.6	≤0.6
Return Loss	dB	≥45			
Polarization Dependent Loss	dB	≤0.15			
Dark current (Max at 25℃)	nA	5			
Operation Temperature	℃	-5~75			
Storage Temperature	℃	-40~85			

\*Notes: 1.Insertion Loss tested without connector.

## Order information

MTPD (TAP-PD) PN: MTPD-XXXXXX-XX (MTPD+8 Code+2 Serial Number)												
MTPD	XX		XX		X		X		X		X	
	Wavelength		Splitting Ratio		Fiber Type		Fiber Jacket		Fiber Length		Connector	
	85	850	01	1%	0	G652D	0	250um Bare Fiber	0	0.5m	0	none
	13	1310	02	2%	1	G657A1	1	0.9mm Loose Tube	1	1.0m	1	SC/UPC
	15	1550	03	5%	2	G657A2			2	1.5m	2	SC/APC
	26	1260-1620	04	10%	3	G657B3			3	2.0m	3	FC/UPC
	0S	Special	0S	Special	4	1310 PM			4	2.5m	4	FC/APC
					5	1550 PM			5	3.0m	5	LC/UPC
					6	62.5/125			6	3.5m	6	LC/APC
					7	50/125			7	0.7m	7	ST/UPC
					S	Special			8	1.2m	8	E2000
									9	2.7m	9	MU
									S	Special		