

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 ¹	dB	≤0.5	≤0.5	≤0.6	≤0.6
Return Loss	dB	≥45			
Polarization Dependent Loss	dB	≤0.15			
Dark current (Max at 25°C)	nA	5			
Operation Temperature	°C	-5~75			
Storage Temperature	°C	-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	X	X	XX	XX	XX
	Wavelength	Splitting Ratio	Fiber Type	Fiber Jacket	Fiber Length						
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					