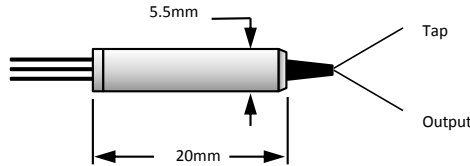


Tap PD Monitor, 1310nm, 1550nm

1310nm, 1550nm PM Tap PD Monitor is built with PM Panda fiber, it's a hybrid component that integrates a photodiode and a tap coupler, it could be used in monitoring power from the photodiode, and has a compact package. OF-LINK provide PM Tap PD Monitor that could work at 1260-1360nm, 1460-1620nm and 1260-1620 wavelength range.



Features

- Compact package
- Low Insertion Loss
- Custom tap ratio

Applications

- WDM channel monitoring
- Optical network switch
- OADM module

Performance Specification

| Parameter | Value | | | Unit |
|--|---|-------|-------|------------|
| Center Wavelength (λ_c) | 1310 (1260-1360), 1550 (1460-1620) or 1260-1620 | | | nm |
| Tap Ratio | 1 | 3 | 5 | % |
| Responsibility | 7-12 | 14-24 | 40-60 | mA/W |
| Max. Insertion Loss | 0.5 | 0.7 | 0.8 | dB |
| Min. PDL | 20 | | | dB |
| Max. WDL | 0.3 | | | dB |
| Max. TDL | 0.3 | | | dB |
| Min. Return Loss | 45 | | | dB |
| Max. Dark Current ($V_r=5V, 23^\circ C$) | 5.0 (Typ. 1.0) | | | nA |
| Reverse Voltage | 20 | | | V |
| Max. Forward Current | 10 | | | mW |
| Max. Capacitance ($V_r=5V, f=1MHz$) | 8.0 (Typ. 5.0) | | | pF |
| Bandwidth ($RL=50\Omega, -3dB$) | 2 | | | GHz |
| Max. Input power | 500 | | | mW |
| Fiber Type | PM 1310 or PM 1550 Panda fiber | | | - |
| Operating Temperature | -5 to +70 | | | $^\circ C$ |
| Storage Temperature | -40 to +85 | | | $^\circ C$ |
| Package Dimension | $\Phi 5.5 \times L20$ | | | mm |

Note

* For devices with connectors, IL will be 0.3dB higher, ER will be 2dB lower and RL will be 5dB lower.

Ordering Information

PMTM-AAAA-BB-CCCC-D-EE-FF

| AAAA | BB | CCCC | D | EE | FF |
|--------------------|--------------|----------------------|-----------------|--------------|--------------|
| Wavelength | Tap Ratio | Fiber Type | Fiber Jacket | Fiber Length | Connector |
| 1310 - 1310nm | 01 - 1% | PM13 - PM 1310 fiber | B - 250um Bare | 05 - 0.5m | NE - None |
| 1550 - 1550nm | 03 - 3% | PM15 - PM 1550 fiber | Fiber | 08 - 0.8m | FA - FC/APC |
| 1216 - 1260-1620nm | 05 - 5% | SSSS - Specify | L - 900um Loose | 10 - 1.0m | FP - FC/PC |
| SSSS - Specify | SS - Specify | | Tube | 15 - 1.5m | SA - SC/APC |
| | | | | SS - Specify | SP - SC/PC |
| | | | | | LA - LC/APC |
| | | | | | LP - LC/PC |
| | | | | | SS - Specify |