

Tap-PD Monitor

Features

- Low Insertion Loss
- Compact Size, Integrated Device
- Customized Tap Ratio Available
- RoHS Compliant

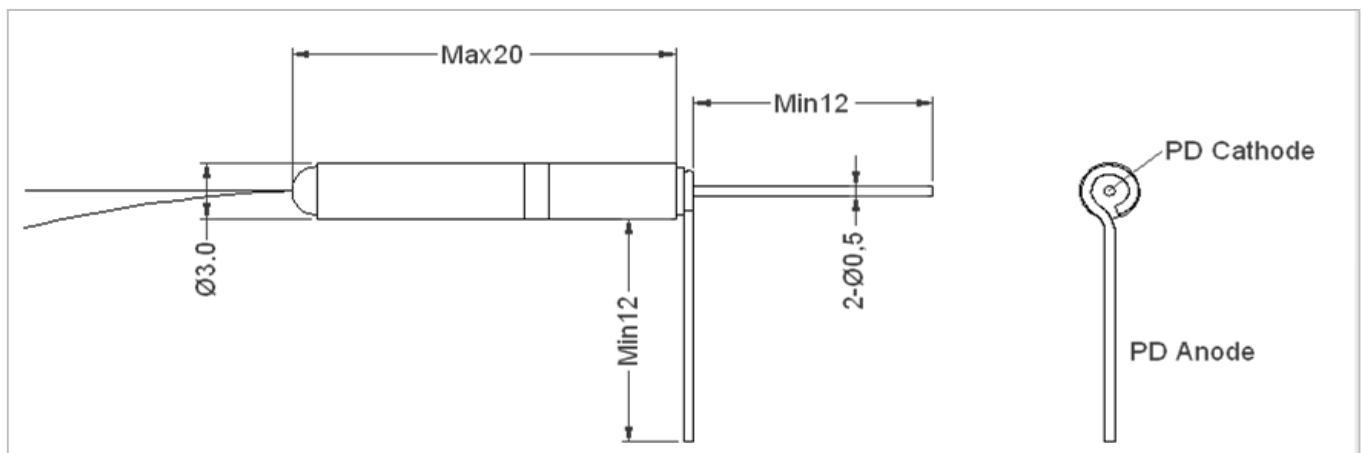
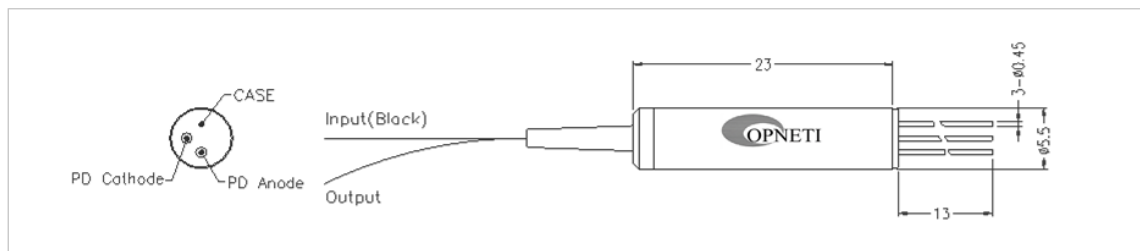
Applications

- WDM Channel Monitoring
- Gain Monitoring for Amplifier
- Optical Network Switch
- Protection Monitoring

Specifications

| Parameters | Unit | Values | | |
|-----------------------|------|--------------------|----|----|
| Operating wavelength | nm | 1260~1620 | | |
| Tap ratio | | 1% | 3% | 5% |
| Responsibility | mA/W | 8 | 25 | 40 |
| Insertion Loss | dB | 0.35 | | |
| WDL | dB | ≤0.3 | | |
| Dark Current | nA | ≤5.0 (1.0 Typical) | | |
| Reverse Voltage | V | ≤20 | | |
| Forward Current | mA | ≤10 | | |
| PDL | dB | ≤0.1 | | |
| TDL | dB | ≤0.3 | | |
| PMD | ps | ≤0.2 | | |
| Return Loss | dB | ≥45 | | |
| Fiber Type | | SMF-28e | | |
| Operating Temperature | °C | -10 ~ +70 | | |
| Storage Temperature | °C | -40 ~ +85 | | |
| Input Power | mW | ≤500 | | |
| Dimensions | mm | Φ5.5XL23; Φ3.0XL20 | | |

Package Dimensions



Units: mm Tolerance: x+0.3 mm xx +0.1 mm

Ordering Information

TPM- ①①①①-②-③③③-④-⑤-⑥⑥-⑦⑦⑦⑦⑦⑦⑦

| | | |
|---|--------------|----------------------------------------------------------------------------|
| ① | Wavelength | 1310; 1550; 1310/1550; |
| ② | Tap Ratio | 1=1%; 3=3%; 5=5%; |
| ③ | Pigtail Type | 250=250um Fiber; 900=900um Loose Tube; |
| ④ | Fiber Type | 1=SMF-28e; |
| ⑤ | Fiber Length | 1=1m; |
| ⑥ | Connector | NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others; |
| ⑦ | Package Size | 5.5X23; 3X20 |