

Tap-PD Monitor

Features

- Low insertion loss
- Customized tap ratio available
- Integrated devices, compact size
- Telcordia compliant
- RoHS compliant

Applications

- WDM channel monitoring
- Gain monitoring for amplifiers
- Optical network switch/protection
- Monitoring



Main Specifications

Parameter		Specification			Unit
Operating Wavelength		C/L band			
Tap Ratio		1%	2%	5%	
Maximum Input Power		25	22	18	dBm
Responsivity		7 ~ 15	14 ~ 24	40 ~ 65	mA/W
Insertion Loss	Max	0.5	0.5	0.6	dB
Wavelength Dependent Loss	Max	0.3	0.3	0.3	dB
Temperature Dependent Loss	Max	0.3	0.3	0.3	dB
Return Loss	Min	45	45	45	dB
Polarization Dependent Loss	Max	0.1	0.1	0.1	dB
Dark Current (at 25°C)	Max	1.0	1.0	1.0	nA
Reverse Voltage	Max	20 (Typ 5)			V
Operating Temperature Range		-5 ~ +75			°C
Storage Temperature Range		-40 ~ +85			°C
Package Dimension (L*Ø)		34.3*5.56 or 17*3.2			mm

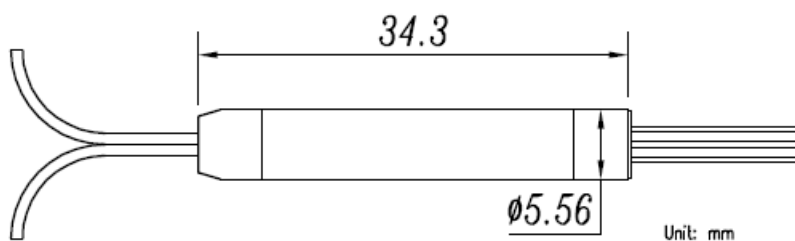


Notes:

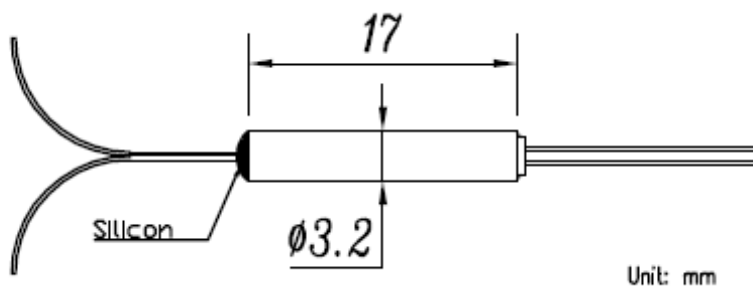
- All values referenced without connector.
- If you need any information about other bands, please contact us.

Mechanical Dimensions

Standard Size



Mini Size



Order Information

TPD-A-B-C-D

A	Standard/Mini Size	S: standard size M: mini size
B	Tap Ratio	01: 1% 02: 2% 05: 5% :
C	Fiber Type	1: 250 μ m bare fiber 2: 900 μ m tight buffer fiber 3: 500 μ m tight buffer fiber
D	Connector Type	0: without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: customized

Note: Any tap ratio between 1% and 50% available. Please contact us with questions.

Example

Part number of "TPD-S-01-1-X" represents a Tap-PD Monitor with:

- Standard size
- 1% tap ratio
- 250 μ m bare fiber
- customized connector

Please contact our Sales to discuss your specific requirements.