

Pigtail-PD Monitor

Features

- Low back reflection
- High responsivity
- Low leakage
- Integrated devices, compact size
- Telcordia compliant
- RoHS compliant

Applications

- C- and L-Band monitoring
- High sensitivity monitoring
- EDFA and DWDM
- 40 and 10 Gbps line monitoring
- 1310 and 1550 PONs



Main Specifications

Parameter		Specification	Unit
Operating Wavelength		C/L band	
Maximum Input Power		10	dBm
Responsivity	Min	0.8	A/W
Back Reflection	Min	40	dB
Dark Current (25°C)	Max	1	nA
Capacitance ¹	Max	7	pF
Bandwidth ²	Typical	2	GHz
Reverse Voltage	Max	20 (Typ 5)	V
Soldering Temperature	Max	250	°C
Operating Temperature Range		-5 ~ +75	°C
Storage Temperature Range		-40 ~ +85	°C
Package Dimension (L*Ø)		17.2*5.5 or 8.8*3.0	mm

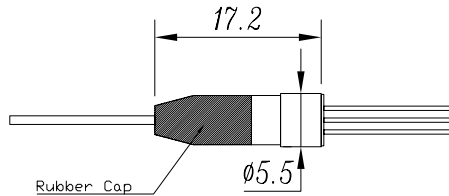


Notes:

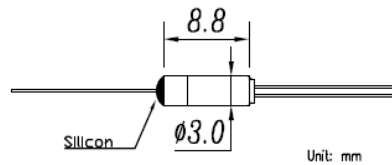
1. Measured with case grounded.
2. -3 dB point into a 50 Ω load.
 - If you need any information about other bands, please contact us.

Mechanical Dimensions

Standard Size



Mini Size



Unit: mm

Order Information

PPD-A-B-C-D

A	Standard/Mini Size	S: standard size M: mini size
B	Operating Wavelength	0: O-Band (1260 ~ 1360 nm) C: C-Band (1525 ~ 1570 nm) L: L-Band (1570 ~ 1610 nm)
C	Fiber Type	1: 250 μm bare fiber 2: 900 μm tight buffer fiber 3: 500 μm 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

Example

Part number of "PPD-S-C-1-X" represents a Pigtail-PD Monitor with:

- standard size
- C-Band (1525 ~ 1570 nm)
- 250 μm bare fiber
- customized connector

Please contact our Sales to discuss your specific requirements.

