

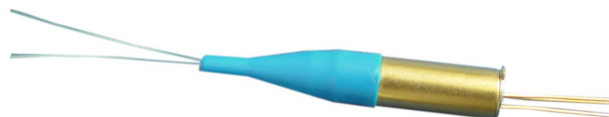
Optical Power Monitor

Features

- Low Wavelength Dependent Loss
- Low Insertion Loss
- Broad Spectral Bandwidth
- High Reliability

Application

- Channel Monitoring
- Power Monitoring in Optical Interface Modules
- DWDM System Monitoring
- Gain Monitoring for Amplifier

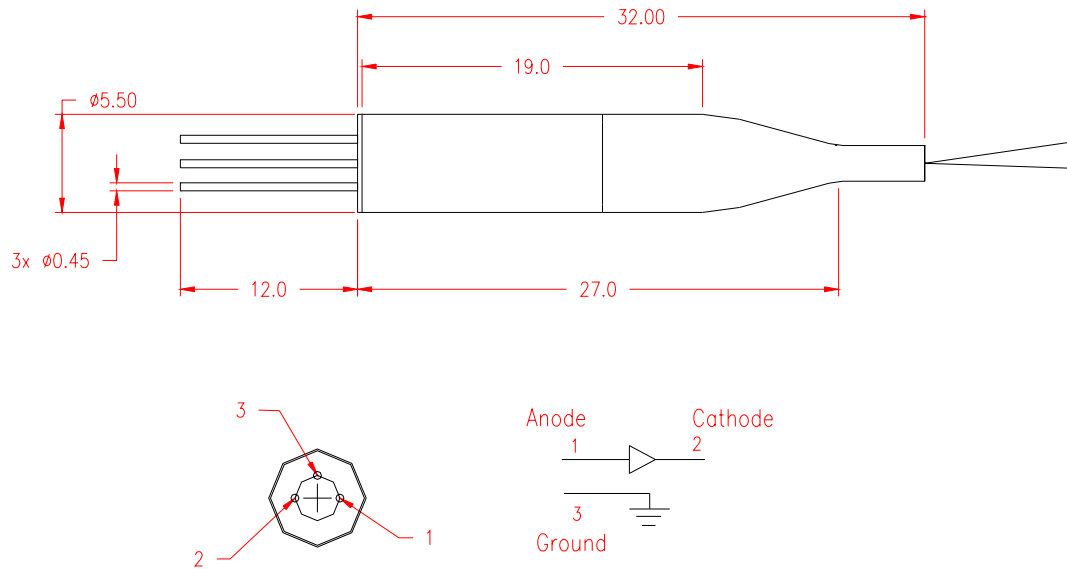


Specifications

Parameter		Unit		Specification		
Operating Wavelength Range	C Band	nm		1525~1565		
	L Band			1570~1615		
	C&L Band			1525~1615		
Tap ratio		-	-	1	3	5
Responsivity		mA/W	Min	8	24	45
Insertion Loss		dB	Max	0.5	0.6	0.7
Polarization Dependent Loss (PDL)		dB	Max	0.1		
Wavelength Dependent Loss (WDL)		dB	Max	0.15		
Return Loss (RL)		dB	Min	45		
Responsivity Flatness (with respect to band center)		dB	Max	0.3		
Linearity		%	Max	±5		
Input power		mW	Max	500		
Dark Current (25°C)		nA	Max	1		
Reverse Voltage		V	Max	20		
High frequency Response Limit		GHz	Min	0.6		
Operating temperature		°C	-	-5 ~ 65		
Storage Temperature		°C	-	-40 ~ 85		
Package Dimension		mm	-	φ 5.6 x 32		

- (1) Values referenced with tap ratio and without connector loss.
 (2) C specify – Customer specify.

Package dimension



Ordering Information

OPMT — —

Tap Ratio	Center Wavelength	Package	0	Fiber Type	Fiber Jacket	Fiber Length	Connector Type
01 – 1% 03 – 3% 05 – 5% 00 – PD	13 – 1310±20nm CB – C band LB – L band CL – C&L band DW – 13/15 dual window	S – Standard package C – C specify		1 – Corning SMF-28 X – C Specify	1 – 250 µm 9 – 900 µm	1 ≥ 1m X – C specify	0 – None 1 – FC/UPC 2 – FC/APC 3 – SC/UPC 4 – SC/APC 5 – LC 6 – MU X – C Specify

i.e. **OPMT-03CBS0-1910**

OPMT – 3% tap ratio, C band, standard package – Corning SMF28 fiber, with 900 µm loose tube, 1 m fiber pigtail length, no connector.

Contact Information

For more information about BATi's' leadership in variable optical attenuation and modulation technology and other optical networking modules and components, visit our website at www.bostonati.com.

To obtain additional technical information or to place an order for this product, please contact us at:

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