

PM Hybrid

Tap & Isolator & Bandpass Filter 1064nm

Features

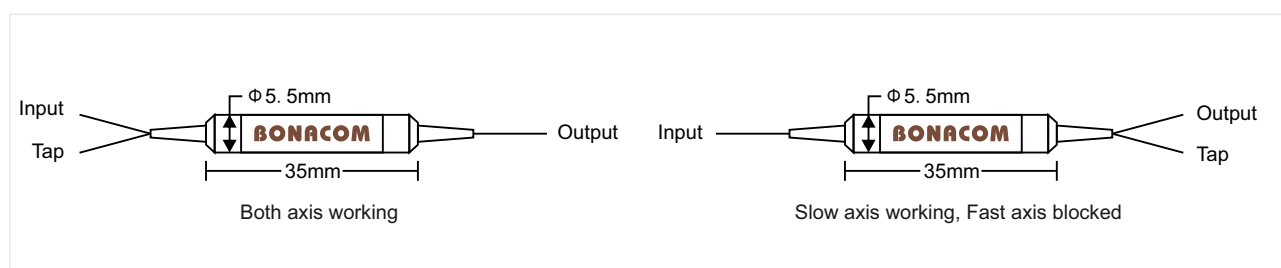
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Isolation

Applications

- Compact Fiber Amplifiers
- Compact Fiber Optical System
- Fiber Laser
- Fiber Sensor



Package Dimensions



Options for Axis Alignment

1	Option 1	Input to Output: Fast axis blocked, Input to Tap: Both axis working,
2	Option 2	Input to Output: Both axis working, Input to Tap: Both axis working,
3	Option 3	Input to Output: Both axis working, Input to Tap: PM to SM, Polarization Insensitive
4	Option 4	Input to Output: Fast axis blocked, Input to Tap: Fast axis blocked,
5	Option 5	Input to Output: Fast axis blocked, Input to Tap: PM to SM, Polarization Sensitive

Address: 2F,DF Industrial Park,Shanghenglang Community,Dalang,Longhua New District,Shenzhen,P.R.C.518109.
www.bonaphotonics.com sales@bonaphotonics.com Tel:+0755-21035679

December 2019

Bonacom Technology reserves the right to change any specifications without prior notice.

BN-CG-IS-19-2

Specifications

Parameter	Unit	Value	
Stage	-	Single	Dual
Operating Wavelength Range	nm	1064	
Pass band width	nm	2	5 10
Max. Excess Loss	dB	2.4	3.7
Signal Tap Ratio	%	1±0.2%, 2±0.2%, 50±2%	1±0.2%, 2±0.2%, 50±2%
Typ. Peak Isolation	dB	40	52
Min. Isolation at 23°C	dB	28	45
Min. Extinction Ratio at 23°C	dB	20	
Min. Return Loss	dB	50	
Max. Optical Power(CW)	mW	500	
Max. Tensile Load	N	5	
Operating Temperature	°C	0~+70	
Storage Temperature	°C	-40~+85	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
The default connector key is aligned to slow axis.

Ordering Information

PMTISB-1111-2-3-44-5-666-777-89A-BBB

1111	-Center Wavelength:	1064=1064nm,.....
2	-Stage:	S=Single-core stage, D=Dual-core stage
3	-Pass band width:	02=2nm,05=5nm,10=10nm
44	-Tap ratio:	01=1%, 02=2%,, 50=50%
5	-Axis Alignment:	1=Option 1, 2=Option 2, 3=Option 3, 4=Option 4, 5=Option 5
666	-Fiber Type for In & Out:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
777	Fiber Type for Tap:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
8	-Package Dimension	0=φ5.5x35mm, S=Specified
9	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
A	-Fiber Length:	0=0.8m,1=1m
BBB	-Connector for In, Out, Tap:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC, N=None

Address: 2F,DF Industrial Park,Shanghenglang Community,Dalang,Longhua New District,Shenzhen,P.R.C.518109.
www.bonaphotonics.com sales@bonaphotonics.com Tel:+0755-21035679

December 2019

Bonacom Technology reserves the right to change any specifications without prior notice.

BN-CG-IS-19-2