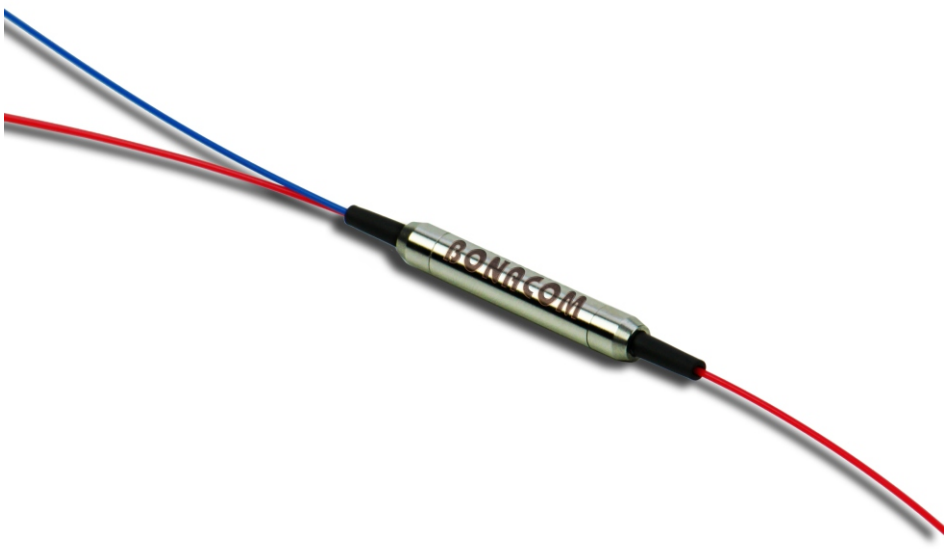
Filter WDM 2μm/1.5μm PM/non-PM

Features

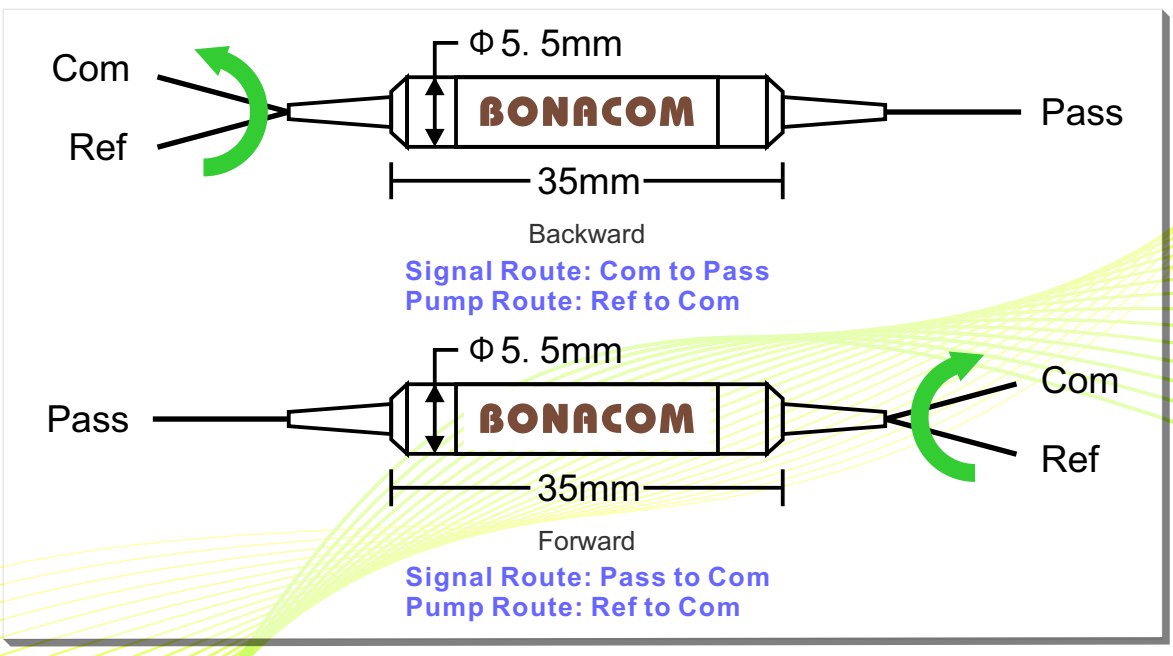
- Low Insertion Loss
- High Return Loss
- High Reliability & Stability

Applications

- System Monitoring
- 2μm Fiber Laser
- Fiber Optical Amplifier



◆ Package Dimensions



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

◆ Specifications

Parameter	Unit	Value
Type	nm	2000/1550
Transmission Wavelength	nm	1950~2050
Reflection Wavelength	nm	1520~1580
Max.Insertion Loss of Transmission Channel	dB	0.8
Max.Insertion Loss of Reflection Channel	dB	0.8
Min.Transmission Isolation@Reflection Wavelength	dB	25(Typ. 30)
Min.Reflection Isolation@Transmission Wavelength	dB	12(Typ. 15)
Min.Extinction Ratio at 23℃,only for PM	dB	18
Max.Polarization Dependent at 23℃,only for non-PM	dB	0.15
Min.Return Loss	N	50
Max.Power Handling (CW)	mW	300
Fiber Type	-	PM Panda fiber
Operating Temperature	℃	0~+70
Storage Temperature	℃	-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

PMFIWDM-1111-23-444-555-678-999

1111	-Operating Wavelength:	2055=T2000nm/R1550nm
2	-Pump Type:	F=Forward, B=Backward
3	-Axis Alignment for Signal Route:	B=Both Axis Working, F=Slow Axis Working, Fast Axis Blocked
444	-Fiber Type for Com & Pass:	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
555	-Fiber Type for Ref	001=PM1550, 008=SMF-28E, 045=Nufern PM1950, 046=Nufern SM1950
6	-Package Dimension:	0=φ5.5x35mm, S=Specified
7	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
8	-Fiber Length:	0=0.8m,1=1m
999	-Connector for Com,Ref, Pass:	0=FC/UPC,1=FC/APC,2=SC/UPC,3=SC/APC,4=LC/UPC,5=LC/APC

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