

PM Isolator & WDM Hybrid

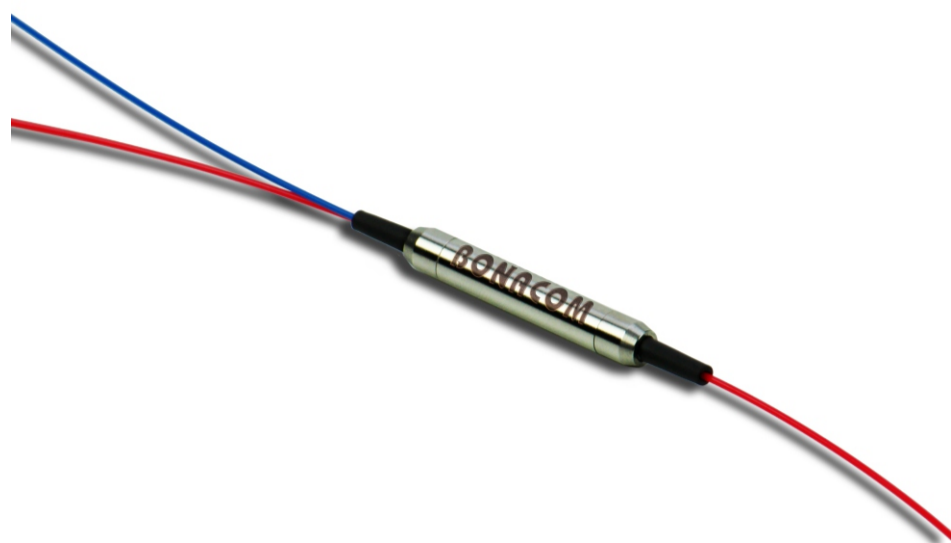
(T1064/R980 T1550/R980)

Features

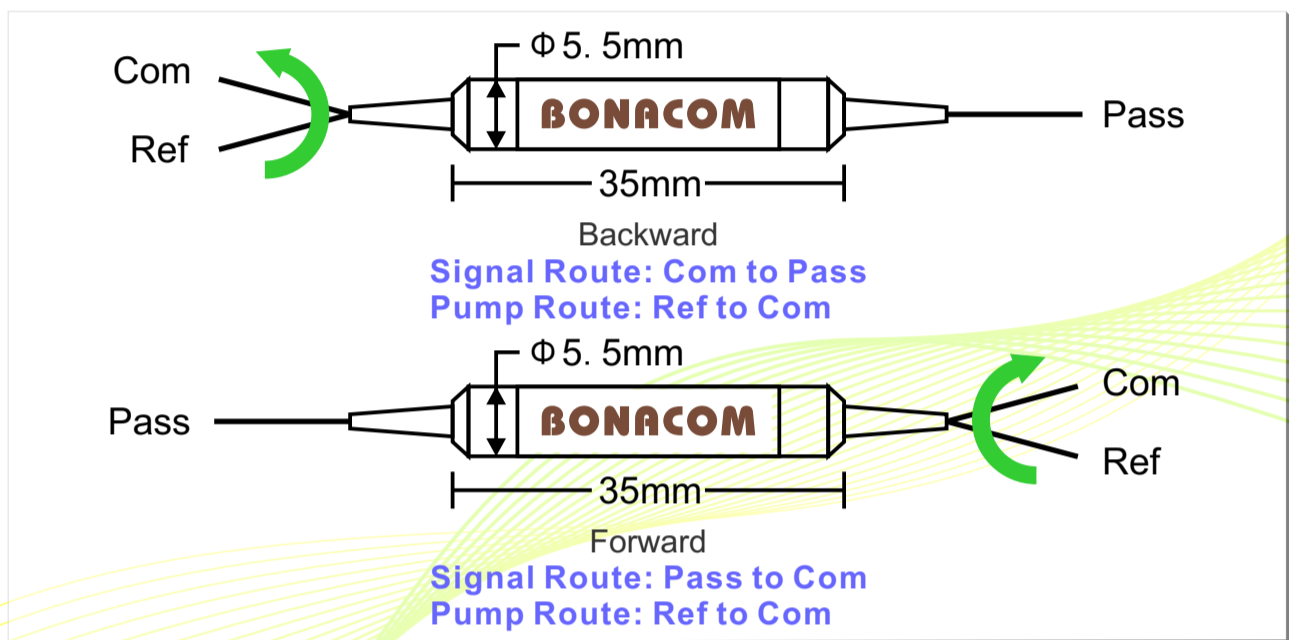
- Low Insertion Loss
- High Return Loss
- High channel Isolation
- High Extinction Ratio
- High Reliability & Stability

Applications

- Fiber Laser
- Fiber Amplifier
- Testing Equipment



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

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BN-CG-IS-19-2

Specifications

Parameter		Unit	Value			
Stage		-	Single	Dual	Single	Dual
Signal Channel	Signal Wavelength Range	nm	1064±10		1550±15	
	Max. Insertion Loss	dB	2.6	3.8	0.9	1.0
	Typ. Peak Signal Reversed Isolation, at 23°C	dB	40	52	40	52
	Min. Signal Reversed Isolation, at 23°C	dB	28	45	28	45
	Min. Isolation (Com to Pass @ Ref band Wavelength)	dB	30			
	Min. Extinction Ratio at 23°C	dB	20			
Reflection Channel	Wavelength Range	nm	960~990			
	Max. Insertion Loss	dB	0.6			
	Min. Isolation (Com to Ref @ Pass band Wavelength)	dB	15			
	Min. Extinction Ratio at 23°C	dB	18			
Min. Return Loss	dB	50				
Max. Insertion Loss Thermal Stability	dB/°C	0.005				
Max. Optical Power(CW)	mW	300				
Max. Tensile Load	N	5				
Operating Temperature	°C	-5~+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

PMIWDM-1111-234-555-666-789-AAA

1111	-Operating Wavelength:	5598=1550nm Signal, 980nm Pump, 0698=1064nm Signal, 980nm Pump
2	-Stage:	S=Single-core stage, D=Dual-core stage
3	-Pump Type:	F=Forward, B=Backward
4	-Axis Alignment for Signal Route:	B=Both Axis Working, F=Slow Axis Working, Fast Axis Blocked
555	-Fiber Type for Com & Pass:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
666	-Fiber Type for Ref:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
7	-Package Dimension:	0=φ5.5x35mm, S=Specified
8	-Pigtail Type:	0=250μm bare fiber, 1=900μm loose tube
9	-Fiber Length:	0=0.8m,1=1m
AAA	-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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