

Isolator & WDM Hybrid Polarization Insensitive

T1064nm/R980nm T1550nm/R980nm

Features

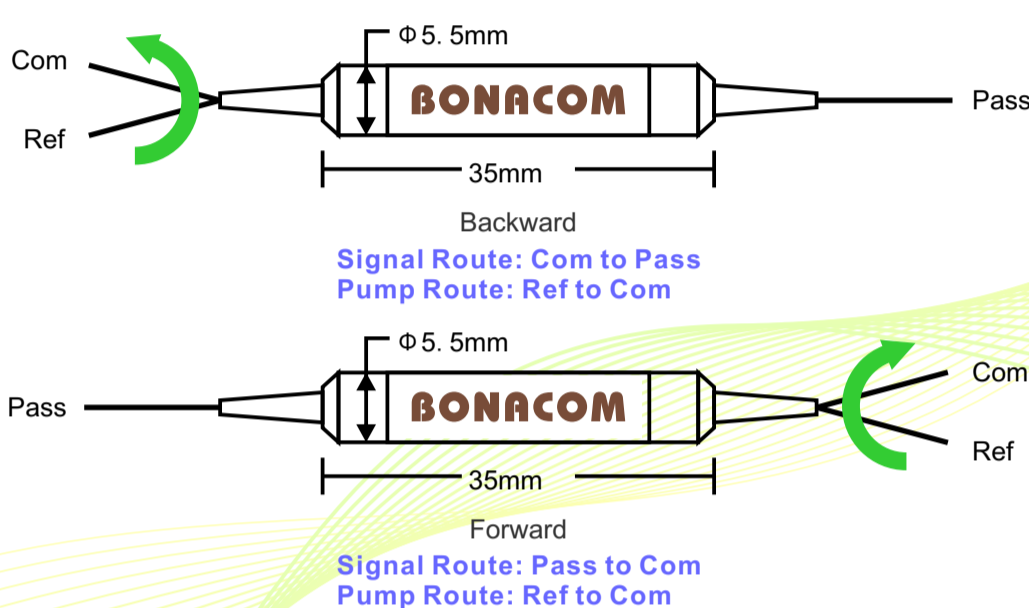
- Low Insertion Loss
- High Return Loss
- High Isolation
- High Extinction Ratio
- High Reliability & Stability

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

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			
Reflection Channel	Max. Polarization Dependent Loss at 23°C	dB	0.15			
	Wavelength Range	nm	960~990			
	Max. Insertion Loss	dB	0.6			
	Min. Isolation (Com to Ref @ Pass band Wavelength)	dB	15			
	Min. Polarization Dependent Loss at 23°C	dB	0.15			
	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.

Ordering Information

PIIWDM-1111-23-444-555-678-999

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
444	-Fiber Type for Com & Pass:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
555	-Fiber Type for Ref:	001=PM1550, 002=PM1310, 003=PM980, 004=Hi1060, 008=SMF-28E
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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