

# Isolator & WDM Hybrid High Power PM or non-PM

**T1064nm/R980nm T1030nm/R980nm**

## Features

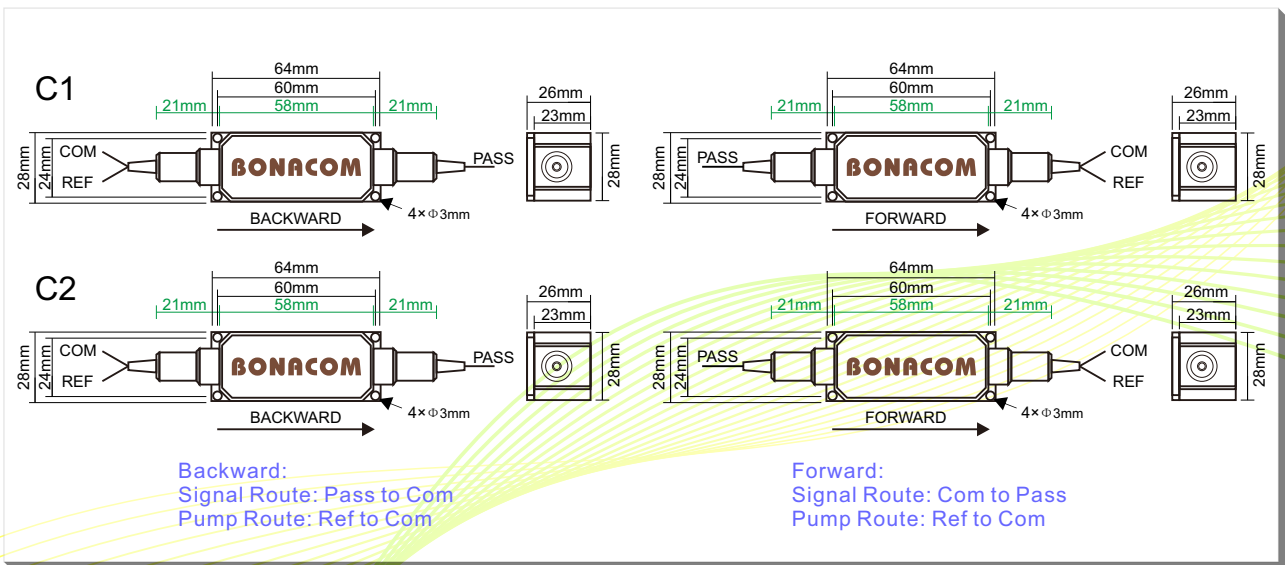
- Low Insertion Loss
- High Isolation
- High stability & Reliability

## Applications

- PM Fiber Amplifier
- Mopa Fiber Laser
- Fiber Laser



## Package Dimensions



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

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## Specifications

Parameter	Unit	Value	
Signal Channel	Signal Wavelength Range	nm	1064±10 or 1030±10
	Max. Insertion Loss, at 23°C	dB	1.5
	Typ. Peak Signal Reversed Isolation, at 23°C	dB	30
	Min. Signal Reversed Isolation, at 23°C	dB	25
	Min. Isolation (Com to Pass @ Ref band Wavelength)	dB	30
Reflection Channel	Wavelength Range	nm	960~990
	Max. Insertion Loss	dB	0.8
	Min. Isolation (Com to Ref @ Pass band Wavelength)	dB	15
Max. Polarization Dependent Loss at 23°C, only for non-PM type	dB	0.15	
Min. Extinction Ratio at 23°C, only for PM type (Signal/ Pump Route)	dB	20/18	
Min. Return Loss	dB	50	
Max. Optical Power(CW)	W	20 or Specified	
Max. Peak Power for ns Pulse	kW	10 or Specified	
Max. Tensile Load	N	5	
Operating Temperature	°C	5~+55	
Storage Temperature	°C	-0~+75	

With connectors, the handling power will be only 1W, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.

## Ordering Information

HPMIWDM/HPIIWDM-1111-234-555-666-789-AAA-BBCC

1111	-Center Wavelength:	1064=1064nm
2	-Core Stage:	S=Single-core stage
3	-Pump Type:	F=Forward, B=Backward
4	-Axis Alignment for Signal Route:	F=Slow axis working, Fast axis blocked, B=Both axis working, N=Non-PM
555	-Fiber Type for Signal:	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:	C1=58x28x26-21mm,C2=58x28x26mm-26mm, 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
BB	-Average Power:	00=300mW, 01=1W, 02=2W,....., 05=5W.....,20=20W
CC	-Peak Power	10=10kW, 20=20kW

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