

High Power Isolator & WDM (TGG Based)

Features

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

Applications

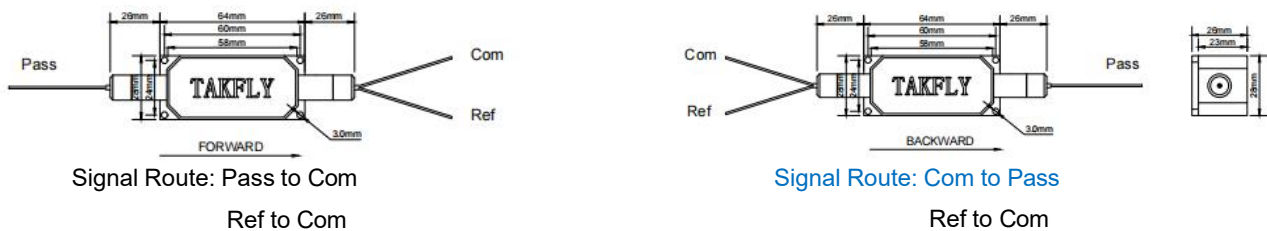
- Fiber Amplifier
- Testing Instrument
- Medical Equipment

Specifications

Parameters		Unit	Value
Signal Channel	Wavelength Range	nm	1064±10 or 1030±10
	Max. Insertion Loss at 23℃	nm	1.5
	Min. Signal Reversed Isolation at 23℃	dB	25
	Min. Isolation (Com to Pass @ Ref band wavelength)	dB	30
Reflection Channel	Wavelength Range	nm	960-990
	Max. Insertion Loss at 23℃	dB	0.8
	Min. Isolation (Com to Ref @ Pass band wavelength)	dB	15
Max. Polarization Dependent Loss at 23℃ (SM Fiber Type)		dB	0.15
Min. Extinction Ratio at 23℃ (PM Fiber Type, Signal/Pump Route)		dB	20/18
Min. Return Loss (Input/ Output)		dB	50
Max. Average Optical Power		W	20 or Specify
Max. Peak Power for ns Pulse		kW	10
Max. Tensile Load		N	5
Package Dimension		mm	64x28x26
Operating Temperature		℃	+10~+50
Storage Temperature		℃	0~+60

With connectors, the handling power will be only 1W, IL is 0.3dB higher, RL is 5dB lower, and ER is 2dB lower.
The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

HPMIWDM-1111-234-555-666-78-9-AAA-BBCC (PM Fiber Type)

HPIIWDM-1111-234-555-666-78-9-AAA-BBCC (SM Fiber Type)

1111 - Wavelength:	0698=T1064nm / R980nm, 0398=T1030nm/R980, SSSS=Specify
2 - Stage:	S=Single-core
3 - Pump Type:	F=Forward Pump, B=Backward Pump
4 - Working Axis:	B=Both axis working, F=Fast axis blocked, N=Non-PM
555 - Fiber Type (Com & Pass):	003=PM980, 004=Hi1060, SSS=Specify
666 - Fiber Type (Ref):	003=PM980, 004=Hi1060, SSS=Specify
7 - Package Dimension:	0=64x28x26mm
8 - Pigtail Type:	0=bare fiber, 1=900μm loose tube
9 - Fiber Length:	0.75=0.75m, 1.0=1m, S=Specify
AAA - Connector Type:	0=FC/UPC, 1=FC/APC, 2=SC/UPC, 3=SC/APC, N=None, S=Specify
BB - Average Power:	00=500mW, 01=1W, 05=5W, 10=10W, 20=20W, SS=Specify
CC - Peak Power:	00=Continuous Wave, 10=10kW, 20=20kW