

PM Isolator & WDM Hybrid

(T1030/R980)

Descriptions

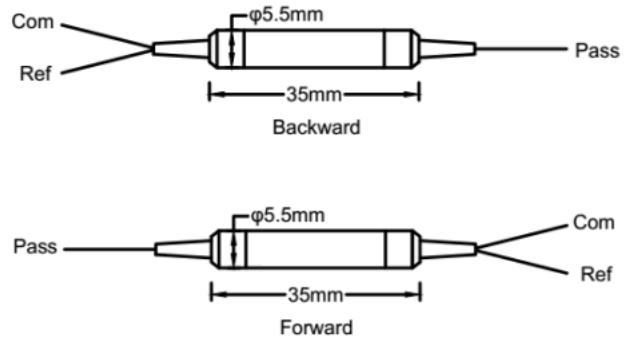
The pm isolator & WDM Hybrid is characterized with low insertion loss, high isolation, high extinction Ratio, high return loss, excellent environmental stability and reliability.

Features

- ▶ High Isolation
- ▶ Low Insertion Loss
- ▶ High Return Loss
- ▶ High Extinction Ratio
- ▶ High stability & Reliability

Applications

- ▶ Fiber Laser
- ▶ Testing Instrument
- ▶ Fiber Amplifier



Specifications

Parameter		Unit	Value	
Stage		-	Single	Dual
Signal Channel	Signal Wavelength Range	nm	1030	
	Max. Insertion Loss	dB	4.0	7.0
	Min. Signal Reversed Isolation, at 23℃	dB	25	35
	Min. Isolation (Com to Pass @ Ref band Wavelength)	dB	25	
	Min. Extinction Ratio at 23℃	dB	20	
Reflection Channel	Wavelength Range	nm	960~990	
	Max. Insertion Loss	dB	0.8	
	Min. Isolation (Com to Ref @ Pass band Wavelength)	dB	15	
	Min. Extinction Ratio at 23℃	dB	18	
Min. Return Loss		dB	50	
Max. Insertion Loss Thermal Stability		dB/℃	0.005	
Max. Optical Power(CW)		mW	100	
Max. Tensile Load		N	5	
Fiber Type		-	PM980	
Operating Temperature		℃	-5~+70	
Storage Temperature		℃	-40~+85	

Remark: The Above specifications is without connector. IL is 0.30dB higher, RL is 5dB lower and ER is 3dB lower for each connector added. The default connector key is aligned to slow, the connector handle power ≤0.5W

Ordering Information

PMIWDM - A — B — C - D — E — F — G — H		
A	Stage	S=Single-core stage, D=Dual-core stage
B	Pump Type	F=Forward, B=Backward
C	Center Wavelength	1030=1030nm
D	Fiber Type	PM980
E	Pigtail Type	BF=Bare Fiber, 0.9=0.9mm Tube
F	Axis Alignment (Only for PM)	F=Slow axis working, Fast axis blocked, BA=Both of axis working
G	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
H	Package Size	5..5x35mm or others
I	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example: PMIWDM-S-F-1030-PM980-BF-F-FC/UPC*2-5.5x35-010		