

PM Filter WDM and Tap Hybrid (980/1064nm)

Features	
Low Insertion Loss High Extinction Ratio & High Isolation High stability and reliability	
Application	
Fiber Laser Fiber Amplifier Testing equipment	

Specifications

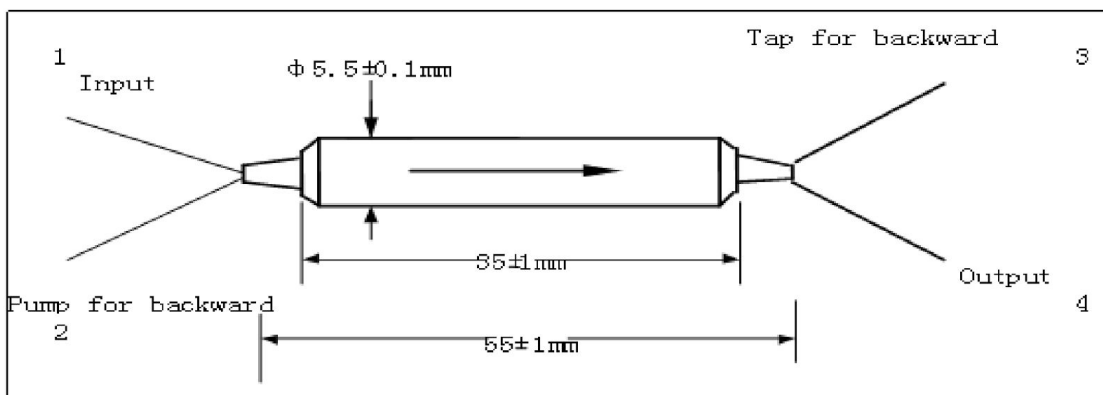
Parameter	Type	values
Signal wavelength range (nm)		980
Pump wavelength range (nm)		1020~1100
Excess Loss for Input to output and Input to Tap port (dB)		≤1.5
Insertion Loss for pump to Input (dB)		≤0.6(Typ.0.4)
Tap Ratio for Input to Tap port(Backward Pump)(dB)		1%,5%,10%,50%
Directivity (dB)		≥50
Return Loss (dB)		≥50
ER for input to output/ Tap (dB)		≥23
ER for pump to input (dB)		≥20
Insertion loss thermal stability (dB/°C)		≤0.005
Power handling CW (mW)		≤300
Tensile Load(N)		≤5
Fiber Type	Input,output& Tap	PM 980
	Pump Port	PM 980 or HI1060
Operating temperature (°C)		0 ~ +50
Storage temperature (°C)		-40 ~ +85
Dimensions (mm)		φ5.5×L35(P1)

* Above specifications are for devices without the connectors.

* For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

*The PM fiber and the connector key are aligned to the slow axis and fast axis is blocked.

Package Dimensions



Ordering Information

PMTWDM	Wavelength	Tap ratio	Pump Type	Working axis	Fiber type on pump	Pigtail Type	Length	Connector
	9806=980nm Signal/1064nm Pump	5=5/95 A=10/90 B=20/80 C=30/70 D=40/60 E=50/50	B=Backward Pump	F=Fast axis blocked	1=Panda fiber 2=HI1060	1=250um bare fiber 2=900um loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2m	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/PC