

PM Fiber Tap/Isolator/WDM Hybrid Device(980/1064)

Features	
High ER & High Isolation Low Insertion Loss High Stability and Reliability	
Application	
Fiber Laser	

Specifications:

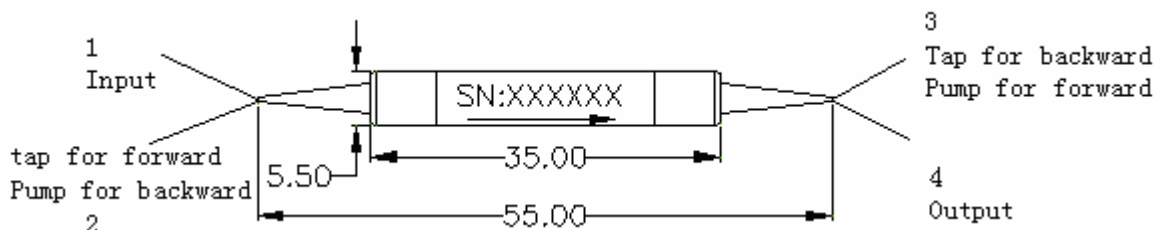
Parameter		1064/980	
Isolator stage		Single stage	Dual stage
Signal Wavelength Range(nm)		1064	
Pump Wavelength Range(nm)		960~990	
Signal Tap Ratio (%) (Input to Tap)		1±0.2, 2±0.4, 5±1, 10±2,50	
Typ.Signal Peak Isolation(Out put to Input) (dB)		40	52
Signal Isolation at 23 °C (Out put to Input) (dB)		≥30	≥42
Pump Insertion Loss(Pump Channel) (dB)		≤0.6	
Signal Insertion Loss(Input to Output)(dB)	Tap 1%	≤2.7	≤3.8
	Tap 2%	≤2.8	≤3.9
	Tap 5%	≤3.0	≤4.1
	Tap 10%	≤3.2	≤4.3
	Tap 50%	≤5.7	≤6.8
Extinction Ratio (Input to Output) (dB)	Type F (Fast axis blocked)	≥22	
	Type B (Both of axis working)	≥20	
Extinction Ratio (Pump Channel or Tap port) (dB)		18(only for Pump port or Tap port with PM Fiber)	
Return Loss (all Ports)(dB)		≥50	
Directivity (Pump to Tap)(dB)		≥50	
Fiber Type	Common /Signal Port	PM980	
	Tap Port	HI 1060 or PM980	
	Pump Port	HI1060 or PM 980	
Optical Power (mW)(CW)		≤300	
Operating Temperature(°C)		0 ~ +50	
Storage Temperature(°C)		-40~ + 85	
Package Dimension (mm)		φ5.5x35(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 for F type, fast axis is blocked.

Package Dimensions



Ordering Information:

PMTI WDM	Wavelength	Stage	Coupling Ratio	Pump Directon	Working axis	Pigtail Type	Fiber Type	Length	Connector
	T1064/R980	S=Single Stage D=Dual Stage	1% 2% 5% 10% 50%	B=Backward F=Forward	F=Fast Axis Blocked B=Both Axis Working	250=250um bare fiber 900=900um loose tube	4=HI1060 Fiber 5=PM Fiber	0.8=0.8m 1=1m	NE=None FC=FC/UPC SC=SC/UPC C FA=FC/APC

									SA=SC/APC LC=LC/UPC XX=Other
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