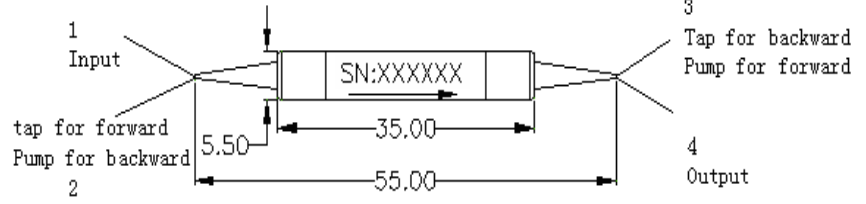


Tap Isolator WDM Hybrid Device Polarization Maintaining

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

Specifications:

Parameter		1550/980 1550/1480		980/1064	
Isolator stage		Single stage	Dual stage	Single stage	Dual stage
Signal Wavelength Range(mm)		1530~1565		1064	
Pump Wavelength Range(nm)		960~990 or 1460~1490		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	55	40	52
Signal Isolation at 23 °C(Output to Input) (dB)		≥22	≥42	≥30	≥42
Pump Insertion Loss(Pump Channel) (dB)		≤0.6(for 980nm pump) ≤0.5(for 1480nm pump)		≤0.6	
Signal Insertion Loss(Input to Output)(dB)	Tap 1%	≤1.4	≤1.5	≤2.7	≤3.8
	Tap 2%	≤1.5	≤1.6	≤2.8	≤3.9
	Tap 5%	≤1.6	≤1.7	≤3.0	≤4.1
	Tap 10%	≤1.8	≤1.9	≤3.2	≤4.3
	Tap 50%	≤4.5	≤4.6	≤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	Panda Fiber			
	Tap Port	SM or Panda Fiber			
	Pump Port	SM or Panda Fiber			
Optical Power (mW)(CW)		≤300			
Operating Temperature(℃)		0 ~ +70			
Storage Temperature(℃)		-40~ + 85			
Package Dimension (mm)		φ5.5x38			

*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.

Ordering Information:

PMTI WDM	Wavelength	Stage	Coupling Ratio	Pump Direction	Working axis	Pigtail Type	Fiber Type	Length	Connector
	5598=T1550 T/R980 9806=T1064 /R980	S=Single Stage D=Dual Stage	1% 2% 5% 10% 50%	F=Forward B=Backward	B=Both Axis Working F=Fast Axis Blocked	0==250um bare fiber 1=900um loose tube	1=SMF-28e 4=HI1060 5=PM Fiber	0.8~0.8m 1=1m	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC LC=LC/UPC XX=Other