Polarization Maintaining Tap Isolator（1064nm）

Features
Low Insertion Loss High Extinction Ratio & Isolation High stability & reliability
Application
Fiber Laser

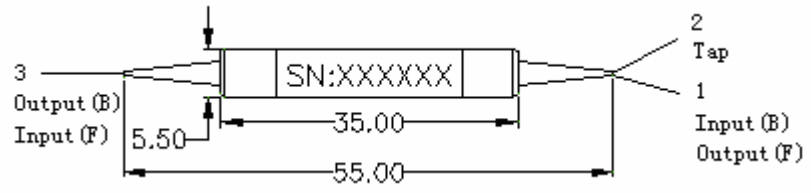
Specifications

Parameter		Single Stage	Dual Stage
Operating wavelength(nm)		1064	
Bandwidth(nm)		±5	
Excess Loss (dB)		≤2.1	≤3.6
Tap Ratio (%)(Input to Tap)		1±0.2, 5±1.0, 10 & 50	
Peak Isolation(Output to Input)(dB)		40	58
Isolation @23℃(Output to Input) (dB)		≥35	≥48
Extinction Ratio (Input to Output) (dB)	Type B (Both of axis working)	≥20	20
	Type F (Fast axis blocked)	≥22	≥22
Extinction Ratio (Input to Tap port) (dB)		18(only for Tap port with PM panda fiber)	
Return Loss(dB)		≥50	
Optical Power (mW)		≤300	
Fiber Type	Tap port	HI 1060 or PM Panda fiber	
	Port 1 & 3	PM Panda fiber	
Operating Temperature(℃)		-5 ~ +50	
Storage Temperature(℃)		-40~ + 85	
Package Dimensions(mm)		5.5x35	

***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, for B type, both of axis working**

Package Dimensions (mm)



Ordering Information

PMTISO	Wavelength	Stage	Coupling Ratio	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector
	1064	S=Single stage D=Dual stage	1/99 2/98 3/97 …… 50/50	F=Fast Axis Blocked B=Both Axis Working	250=250um bare fiber 900=900um loose tube	4=HI1060 5=Panda fiber	0.8= 0.8m 1=1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other