Polarization Maintaining Tap Isolator

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

Specifications

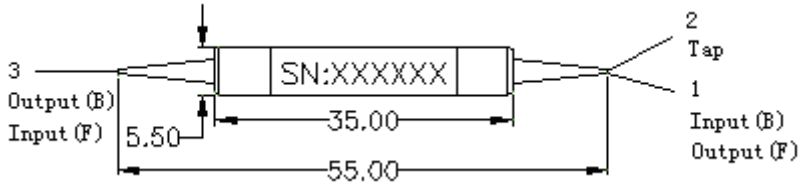
Parameter		Single Stage	Dual Stage	Single Stage	Dual Stage
Operating wavelength(nm)		1550		1064	
Bandwidth(nm)		±20		±5	
Excess Loss (dB)		≤0.8	≤0.9	≤2.1	≤3.6
Tap Ratio (%)(Input to Tap)		1/99~50/50%			
Isolation @23℃(Output to Input) (dB)		≥30	≥48	≥30	≥45
Extinction Ratio (Input to Output) (dB)	Type B (Both of axis working)	≥20	≥20	≥20	≥20
	Type F (Fast axis blocked)	≥22	≥22	≥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)		≤500		≤300	
Fiber Type	Port 2 (Tap port)	SM Fiber or PM Panda fiber			
	Port 1 & 3	PM Panda fiber			
Operating Temperature(℃)		-5 ~ +70			
Storage Temperature(℃)		-40~ + 85			
Package Dimensions(mm)		5.5x35 or 3.0x30			

*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.

Package Dimensions (mm)



Ordering Information:

PMTISO	Wavelength	Stage	Coupling Ratio	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector	Package
	1550 1064	S=Single stage D=Dual stage	1/99 2/98 3/97 …… 50/50	B=Both Axis Working F=Slow axis working,Fast Axis Blocked	0=250um bare fiber 1=900um loose tube	1=SMF-28e 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	5=5.5x38 3=3.0x30