

PM Fiber Tap Isolator

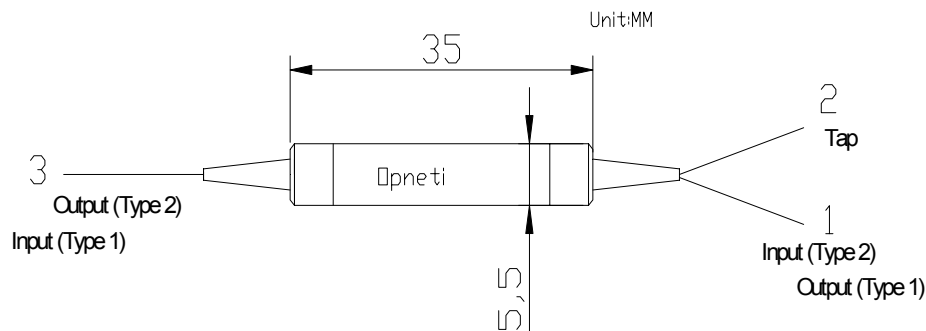
Features	
Low Insertion Loss High Extinction Ratio & Isolation High stability & reliability	
Application	
EDFA Fiber Optical Instrument	

Specifications

Parameter		Single Stage	Dual Stage
Operating wavelength(nm)		1310, 1550	
Bandwidth(nm)		±20	
Excess Loss (dB)		≤0.8	≤0.9
Tap Ratio (%)		1/99~50/50%	
Peak Isolation(dB)		40	58
Isolation at 23°C		≥28	≥48
Extinction Ratio (dB)	Type 2 (Both of axis working)	≥20	20
	Type 1 (Fast axis blocked)	≥22	≥22
Return Loss(dB)		≥50	
Optical Power (mW)		≤500	
Fiber Type	Tap port	SMF-28e or Panda fiber	
	Port 1 & 3	Panda fiber	
Operating Temperature(°C)		-5 ~ +70	
Storage Temperature(°C)		-40~ + 85	
Package Dimensions(mm)		5.5x35	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis

Package Dimensions(mm)



Ordering Information

PMTISO	Wavelength	Stage	Coupling Ratio	Axis Alignment	Pigtail Type	Fiber Type	Length	Connector
	1310 1550	S=Single stage D=Dual stage	1/99 2/98 3/97 50/50	1=Fast Axis Blocked 2=Both Axis Working	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e 5=Panda fiber	0.8= 0.8m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC XX=Other