

## PM Tap Isolator (PMTAPI)

### Features

Low insertion loss  
High extinction ratio  
High stability & Reliability

### Applications

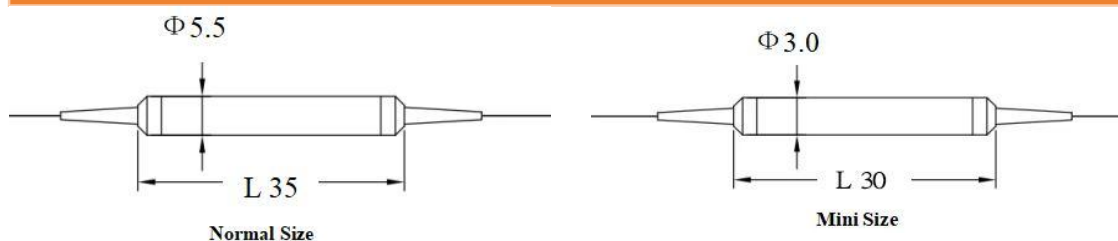
Fiber Amplifier  
Fiber sensor  
Fiber Laser Marking  
Laboratory R&D

Parameter	PM Tap Isolator		Unit
	Single stage	Dual stage	
Center wavelength	1310,1550		nm
Operating bandwidth	$\pm 15$		nm
Excess loss	$\leq 0.8$	$\leq 0.9$	dB
Tap ratio	$1\pm 0.2\%$ , $2\pm 0.4\%$ , $4\pm 0.8\%$ , $5\pm 1.0\%$ , $10\pm 2.0\%$		%
Extinction ratio	$\geq 22$		dB
Isolation @23°C	$\geq 28$	$\geq 46$	dB
Return loss	$\geq 50$		dB
Directivity	$\geq 50$		dB
Handling power	$\leq 500$		mW
Fiber type	PM fiber(Input/Output), SMF-28e or PM fiber (Tap)		/
Operating temperature	$-5\sim +70$		°C
Storage temperature	$-40\sim +85$		°C
Dimensions	$\Phi 5.5 \times L35$ or $\Phi 3.0 \times L30$		mm

\* Type B: Both axis working, Type F: Fast axis blocked.

\* IL is 0.3dB (1310~1550nm) or 0.5dB (1064nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis

### Mechanical Dimension



### Ordering Information

specification	GCPMTAPI
Package	5.5×35 etc
Connector	FC/UPC, FC/APC etc
Fiber Code	specify
Pigtail Type	0=250μm, 1=900μm, 4=others
Working axis type	B=Both axis working, F=Fast axis blocked
Type	S=Single stage, D= Dual stage
Coupling Ratio	01/99, 02/98 etc
Operating Wavelength	1310, 1550nm etc
Port Number	1×2=Type F, 2×1=Type B