

PM 1060nm In-line Isolator+TAP

Description

The PM 1060nm in-line isolator+Tap is characterized with low cost and compact size. It is characterized with low insertion loss, high isolation, high power handling, high return loss, excellent environmental stability and reliability. It is ideal for fiber laser and instrumentation applications.

Key Features

- * High isolation and low insertion loss
- * PM and Non-PM are available; Fiber can be customized
- * Excellent environmental stability and reliability

Applications

- * Fiber laser
- * Fiber sensor



Specifications

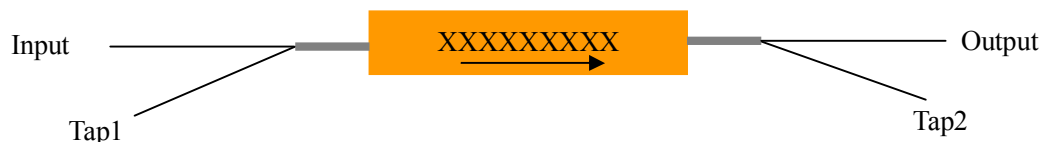
Parameter \ Type		PM isolator	
		Single stage	
Operating wavelength (nm)		1060±4	1080±4
Insertion loss @CW. (dB)	Input→Tap1 (1%)	≤21	
	output→Tap2 (1%)		
Typ. peak isolation at output→input (dB)		35	
Isolation in band at output→input @ 23℃ (dB)		≥28	
Insertion loss at input→output @ 23℃ (dB)	Input 1mw power	≤2.5	≤2
	Input max. power	≤3.0	≤2.5
Extinction ratio(For PM) (dB)*		≥18(B) ; ≥20(F)	
Return loss (Input/Output) (dB)		≥50	
Fiber type	Input & output	SM98-PS-U25D-H (PM) etc.	
	Tap	HI1060(Non-PM) etc.	
Input max. power handling	Average (mW)	300	
	Pulse peak(W)	1000	
Operating temperature (℃)		-5 ~ +50	
Storage temperature (℃)		-20 ~ +70	
Dimensions L*W*H(mm)		75*12*12	

*“B” for both axis working , “F” for slow axis working and fast axis blocking.

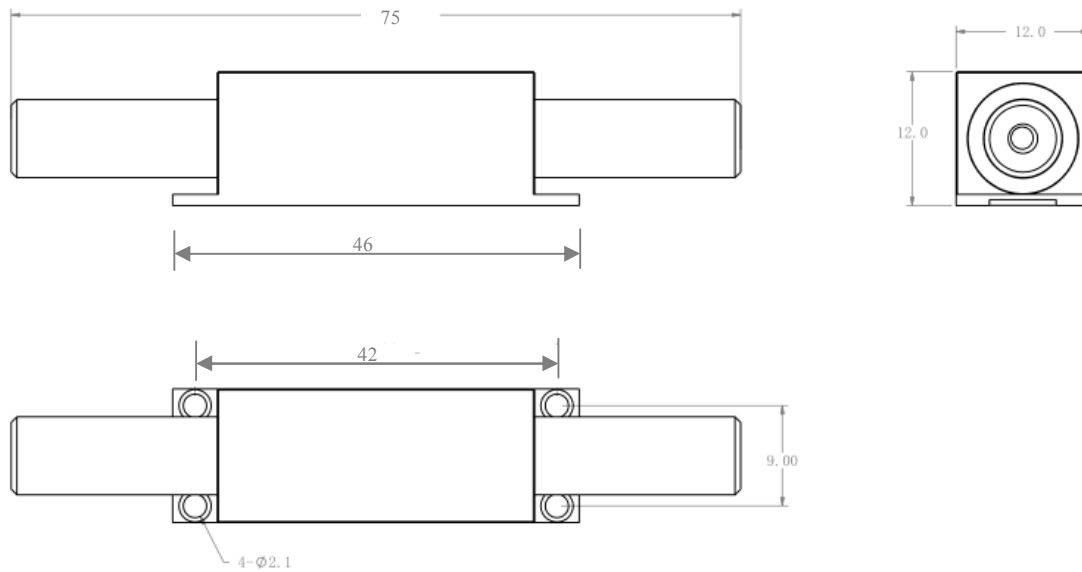
* Backward power<10% input power

* Other specifications can be made on customer request.

* Insertion loss of light through fiber cladding is not included in the Insertion loss specification

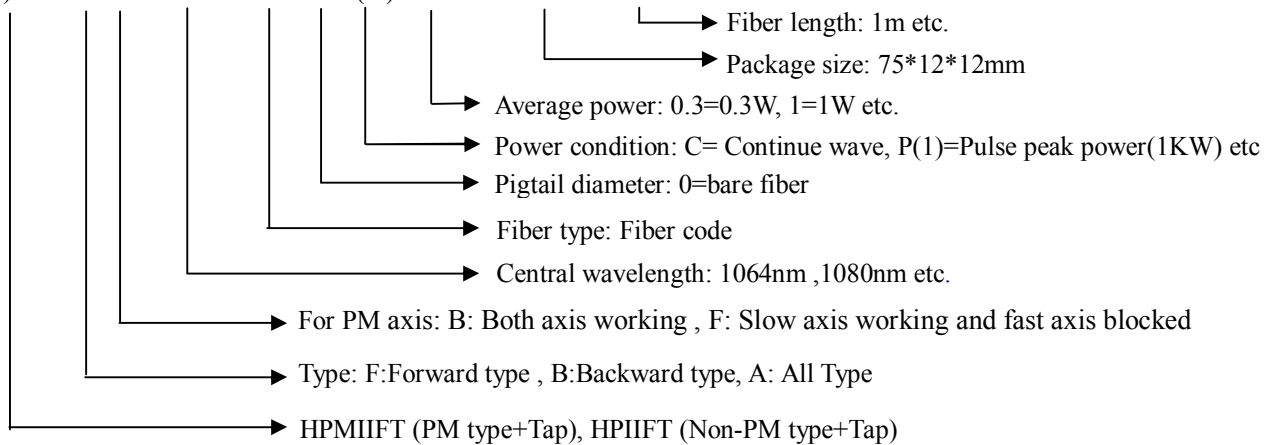


Mechanical Dimension (unit: mm)

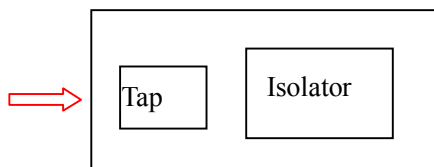


Ordering Information

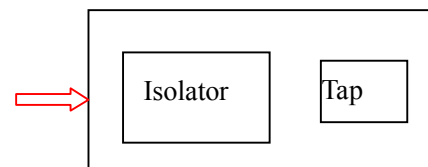
HP(M)IIFT-X-X-XXXX-XXX-X-X(X)- X -XX*XX*XX-XX



Forward type: (Monitor the input signal)



Backward type: (Monitor the backward signal)



All type: (Monitor the input & backward signal)

