High Power PM Isolator+ WDM Hybrid For Pulse Application

Features:
High ER and High Isolation Low Insertion Loss High Stability and Reliability
Application:
Fiber Amplifier Fiber optic Instrument

Specifications:

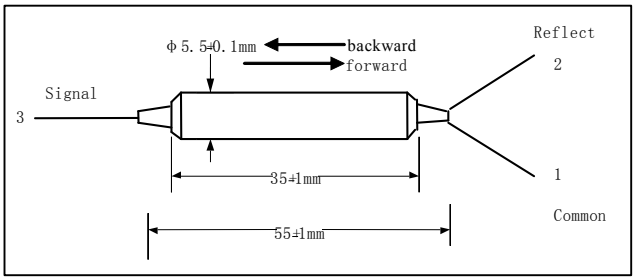
Parameter \ Type		1550/980		1064/980
Isolator Stage		Single Stage	Dual Stage	Single Stage
Signal wavelength range (nm)		1528~1565		1064±5
Peak isolation (dB)		40	55	40
Isolation at 23 ℃ (Signal) (dB)		≥30	≥48	≥30
Insertion loss at 23 ℃ (Signal) (dB)		≤1.1	≤1.2	≤2.2
Pump wavelength range (nm)		960~990		960~990
Insertion loss (reflection band) (dB)		≤0.6		≤0.6
Extinction Ratio (dB)	Type F（Fast axis blocked）	≥22		
	TypeB（Both axis working）	≥20		
Directivity (dB)		≥55		
Return loss (dB)		≥50		
Average power (W)		1		
Peak Peak (Kw)		1		
Operating temperature (℃)		-5 ~ +50		-5 ~ +50
Storage temperature (℃)		-40 ~ +85		
Fiber Type:(Common / Pass)		PM1550	PM1550	PM980
Fiber Type (Reflection)		PM 1550 or SMF-28	PM980 or HI1060	PM980 or HI1060
Package dimension (mm)		φ5.5 × L38 (only for bare fiber or 900um loose tube)		
		L90*W20*H9.5（ABS）(P2) (only for 3mm or 2mm cable)		

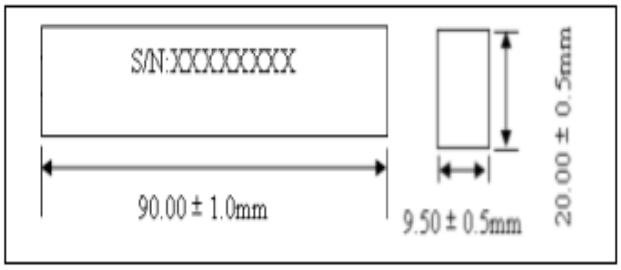
*Above specifications are for devices without the connectors.

*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.

Package Dimensions:





Ordering Information:

HPMIWD	Wavelength	Isolator Stage	Pump Type	Working Axis	Fiber Type on Reflection port	Pigtail Type	Length	Connector
	59=T1550nm /R980nm 69=T1064nm /R980nm	S=Single stage D=Dual Stage	F=Forward pump B=Backward pump	F=Fast Axis Blocked B=Both Axis Working	1=SMF-28e 2=HI1060 3=PM Fiber	1=250um bare fiber 2=900um loose tube	H=0.5m 8=0.8m 1=1.0m S=Specify	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/UPC 7=LC/APC S=Specify