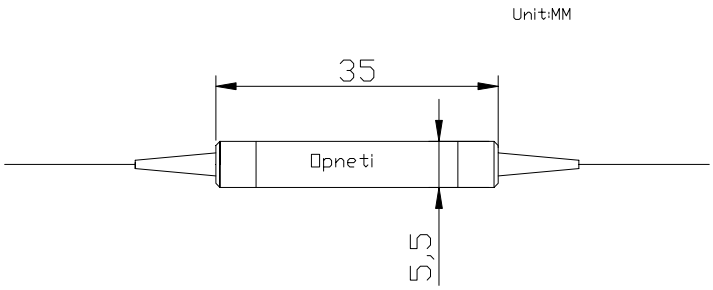
PM Fiber Isolator+ WDM Hybrid Device (PMIWDM)

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

Specifications

Parameter \ Type		1480/1550		980/1550	
Isolator Stage		Single Stage	Dual Stage	Single Stage	Dual Stage
Peak isolation (dB)		40	55	40	55
Isolation at 23 ℃ (Signal) (dB)		≥30	≥48	≥30	≥48
Insertion loss at 23 ℃ (Signal) (dB)		≤0.9	≤1.0	≤1.1	≤1.2
Signal wavelength range (nm)		1530~1565(C-band)		1528~1565(C-band)	
Pump wavelength range (nm)		1460~1490		960~990	
Insertion loss (reflection band) (dB)		≤0.5		≤0.6	
Extinction Ratio (dB)	Type 1- Fast axis blocked	≥22			
	Type 2-both axis working	≥20			
Directivity (dB)		≥55			
Return loss (dB)		≥50			
Thermal stability (dB/ ℃)		≤0.005			
Power handling (mW)		≤300			
Operating temperature (℃)		-5 ~ +70			
Storage temperature (℃)		-40 ~ +85			
Package dimension (mm)		Φ5.5 × L35			
Fiber Type:(Common / Pass)		PM1550		PM1550	
Fiber Type (reflection)		PM 1550 or SMF-28		PM980 or HI1060	

Package Dimensions



Ordering Information

PMIWDM	Wavelength	Stage	Type	Working Axis	Pigtail Type	Fiber Type	Length	Connector
	T1550/R980 T1550/R1480	S= Single stage D = Dual Stage	F=Forward B=Backward	1=Fast Axis Blocked 2=Both Axis Working	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e 4=HI1060 5=PM Fiber	0.8=0.8 m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other