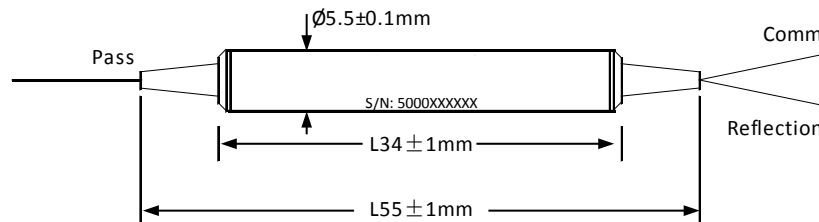


Multi-Mode Filter WDM (FWDM)

Specifications

Parameter	Values
Operating Wavelength (nm)	850 and 1310
Operating Bandwidth (nm)	±50
Pass Channel Insertion Loss (dB)	≤0.7
Reflection Channel Insertion Loss (dB)	≤0.6
Pass Channel Isolation (dB)	≥30
Reflection Channel Isolation (dB)	≥15
Directivity (dB)	≥35
Return Loss (dB)	≥30
PDL (dB)	≤0.1
Wavelength Thermal Stability (nm/°C)	≤0.003
Insertion Loss Thermal Stability(dB/°C)	≤0.005
Power Handling (mW)	≤500
Operating Temperature (°C)	0 ~ +70
Storage Temperature (°C)	-40 ~ +85
Fiber Type	50/125 or 62.5/125um
Dimensions (mm)	φ5.5×L34

Package Dimensions



Ordering Information

FWDM	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	1x2	850T/1310R 1310T/850R	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	2=50/125 3=63.5/125	1= 1m	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other

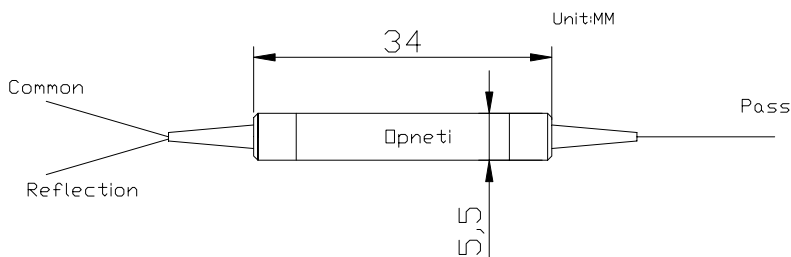


1x2 PON Filter WDM

Specifications

Parameter	1×2 FWDM	
Central wavelength (nm)	1310, 1490, 1550	1310,1550,1625
Operating Wavelength (nm)	1310±40, 1490±10, 1550±10	1310±20, 1550±20, 1625±20
Pass/Reflection wavelength (nm)	T1310/R1490,1550 T1550/R1310,1490 T1490/R1310,1550 T1310,1490/R1550 T1490,1550/R1310	T1310,1550/R1625 T1625R1310,1550
Pass insertion loss (nm)	≤0.8	
Reflection insertion loss (dB)	≤0.6	
Pass Isolation(dB)	≥30	
Reflection Isolation(dB)	≥15	
Directivity(dB)	≥55	
Return loss(dB)	≥50	
PDL(dB)	≤0.1	
Wavelength thermal stability (nm/ °C)	≤0.003	
Insertion loss thermal stability (dB/ °C)	≤0.005	
Power handling (mW)	≤500	
Operating temperature(°C)	0 ~ +70	
Storage temperature(°C)	-40 ~ +85	
Dimensions (mm)	Φ5.5× L34	

Package Dimensions



Ordering Information

FWDM	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	1x2	T1550/R1310,1490 T1490/R1310,1550 T1310,1490/R1550 T1490,1550/R1310 T1310,1550/R1625 T1625R1310,1550	250=250um bare fiber 900=900um loose tube 3000=3mm loose tube	1=SMF-28e	1= 1m X=Specify	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other



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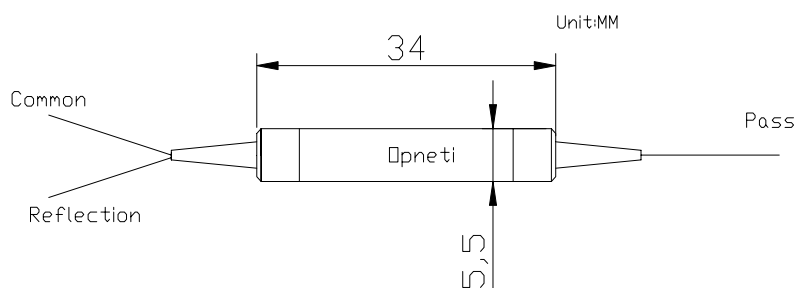


Filter WDM (980/1064, 980/1550, 1064/1030, 1550/1064 1480/1550nm)

Specifications

Type	1480/1550	980/1064	980/1550	1064/1030	1550/1064
Parameter					
Pass wavelength (nm)	1530-1580 (or 1440-1490)	960-990 (or 1020-1080)	1520-1600	1064+/-2.5	1500~1600
Reflection wavelength (nm)	1440-1490 (or 1530-1580)	1020-1080 (or 960-990)	965-1000	1030+/-10	1040~1064
Pass insertion loss (dB)	≤0.6	≤0.8	≤0.8	≤0.8	≤0.8
Reflection insertion loss (dB)	≤0.5	≤0.6	≤0.6	≤0.6	≤0.6
Pass channel isolation (dB)	≥30	≥25	≥30	≥25	≥25
Reflection isolation (dB)	≥13	≥13	≥18	≥13	≥13
Channel flatness (dB)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Directivity (dB)	≥55				
Return loss (dB)	≥50				
PDL (dB)	≤0.1				
Wavelength thermal stability (nm/°C)	≤0.003				
Insertion loss thermal stability	≤0.005				
Power handling (mW)	≤300				
Operating temperature (°C)	0 ~ +70				
Storage temperature (°C)	-40 ~ +85				
Dimensions (mm)	φ5.5×L34				

Package Dimensions



Ordering Information

FWDM	Wavelength	Pigtail Type	Fiber Type	Length	Connector
	1064T/1030R	250=250um bare fiber	1=SMF-28e	1= 1m	NE=None
	980T/1064R	900=900um loose tube	4=HI1060		FA=FC/APC
	980R/1064T	3000=3mm loose tube			FC=FC/UPC
	1550T/980R				SA=SC/APC
	1480T/1550R				SC=SC/UPC
	1550T/1480R				LC=LC/UPC
	1550T/1064R				XX=Other



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Filter WDM 1500~2020nm Reflection / 2035~2200nm Pass

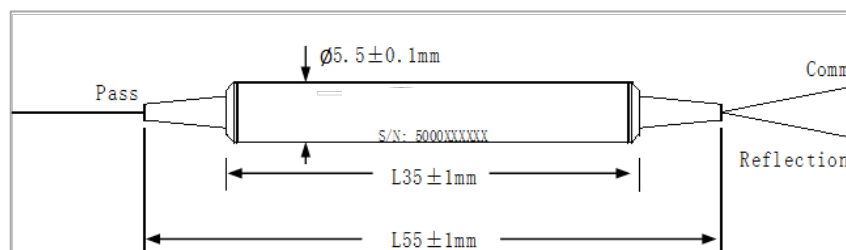
Specifications

Parameters	Unit	Values
Pass Wavelength Range	nm	2035~2200
Reflect Wavelength Range	nm	1500~2020
Pass Insertion Loss	dB	≤1.0
Reflect Insertion Loss	dB	≤0.7
Pass Isolation	dB	≥25
Reflect Isolation	dB	≥15
PER (for PM fiber type)	dB	≥20
PDL (for SM fiber type)	dB	≤0.2
Axis Alignment	dB	Both Axis Pass
Return Loss	dB	≥50
Directivity	dB	≥55
Max Power Handling (CW)	mW	500
Fiber Type		SMF-28, SM1950, PM1550, PM1950
Operating Temperature	°C	-0 ~ +70
Storage Temperature	°C	-40 ~ +85
Dimensions	mm	φ5.5×L35

*for devices with connectors, IL+0.3dB, RL-5dB, PER -2dB.

*high power handling available upon request.

Package Dimensions



Ordering Information

FWDM-
PMFWDM- ①①①-②②②②②②②②②②②②②②②②-③③③-④-⑤-⑥⑥

①	Port Type	1x2;
②	Wavelength	2020R/2035P;
③	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
④	Fiber Type	1=SMF-28; S9=SM1950; 5=PM1550; P9=PM1950;
⑤	Length	1=1m;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;



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