



PM 1310/1550nm and 1480/1550nm MWDM

FEATURES

- Wide Operating Wavelength Range
- Low Insertion Loss
- Ultra Flat Wide Passband
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

APPLICATION

- System Monitoring
- WDM System
- Transmitters and Fiber Lasers
- Fiber Optical Amplifier
- Fiber optic Instruments

PERFORMANCE SPECIFICATIONS

Parameter	Specifications	
	1310/1550nm	1480/1550nm
Type	1310/1550nm	1480/1550nm
Wavelength Range (Pass Channel*)	1520 to 1600 (or 1250 to 1350nm)	1530 to 1580 (or 1440 to 1590nm)
Wavelength Range (Reflect Channel*)	1250 to 1350 (or 1520 to 1600nm)	1440 to 1590 (or 1530 to 1580nm)
Insertion Loss (Pass Channel)	≤ 0.60dB	
Insertion Loss (Reflect Channel)	≤ 0.40dB	
Wavelength Dependent Loss	≤ 0.30dB	
Channel Isolation (Pass Channel)	≥ 30dB	
Channel Isolation (Reflect Channel)	≥ 12dB	
Insertion Loss Temperature Sensitivity	≤ 0.003dB/°C	
Polarization Extinction Ratio	≥ 18dB	
Working Axis	See Ordering information	
Fiber Type	See Ordering information	
Directivity	≥ 55dB	
Return Loss	≥ 50dB	
Optical Power	≤ 300mW	
Operating Temperature	0 to +70°C	
Storage Temperature	- 40 to +85°C	
Package Dimensions	A= Standard, Φ5.5xL34 (250um fiber) Φ5.5xL38 (900um fiber)	

Note:

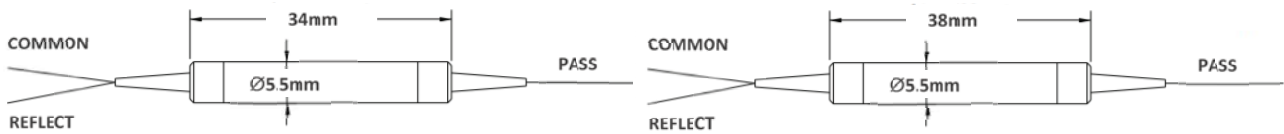
*Other wavelength are available upon request.

All values referenced are without connector.

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MECHANICAL DIMENSIONS

A Package



PORT CONFIGURATIONS



ORDERING INFORMATION

PMMWDM	Operating Wavelength	Port	Package	Fiber Type	Pigtail Style	Fiber Length	In Connector	Out Connector	Working Axis
5531=1550 Pass/1310 Reflect		102=1x2	A=A package	M=PM1310	1=Bare fiber	07=0.7m	0=None	0=None	S=Slow axis working
3155=1310 Pass/1550 Reflect				N=PM1550	2=900um	10=1.0m	1=FC/APC	1=FC/APC	F=Fast axis working
4855-1480 Pass/1550 Reflect					loose tube		2=FC/PC	2=FC/PC	B=Both axes working
5548=1550 Pass/1480 Reflect							3=SC/APC	3=SC/APC	
							4=SC/PC	4=SC/PC	
							5=ST	5=ST	
							6=LC/UPC	6=LC/UPC	
							7=LC/APC	7=LC/APC	