

Polarization Maintaining Filter Wavelength Division Multiplexers

Features

Wide Operating Wavelength Range
 Low insertion loss
 Ultra Flat Wide Passband
 High channel isolation
 High stability and reliability
 Epoxy free on optical path

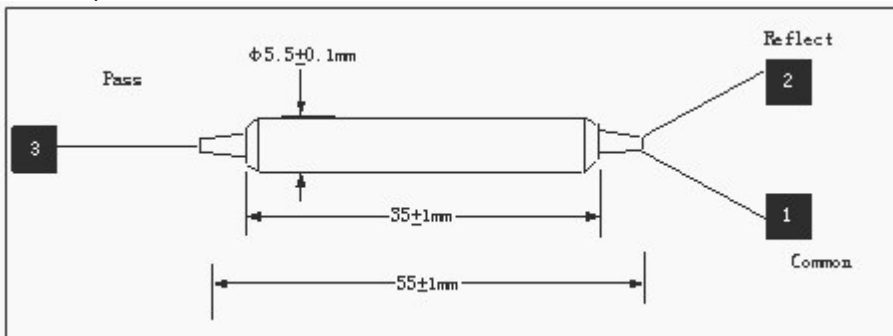
Applications

System Monitoring
 WDM system
 Transmitters and Fiberlasers
 Fiberoptic amplifier
 Fiberoptic Instruments

Specifications

Parameters		Values		
PassBand	Wavelength Range(nm)	1270-1350 (1530-1600)	1450-1490 (1530-1600)	1500-1520 (1530-1570)
	Typ. Insertion Loss(dB)	0.4	0.4	0.5
	Max. Insertion Loss(dB)	0.6	0.6	0.7
	Typ. Isolation(dB)	30	30	30
	Min. Isolation(dB)	25	25	25
Reflection Band	Wavelength Range(nm)	1530-1600 (1270-1350)	1530-1600 (1450-1490)	1530-1570 (1500-1520)
	Typ. Insertion Loss(dB)	0.4		
	Max. Insertion Loss(dB)	0.6		
	Typ. Isolation(dB)	12		
	Min. Isolation(dB)	10		
Min. Return Loss(dB)		50		
Min. Extinction Ratio(dB)		18		
Thermal Stability (dB/C)		<=0.005		
Max. Optical Power (mW)		300		
Max. Tensile Load (N)		5		
Operating Temperature (°C)		-5 ~ +70		
Storage Temperature (°C)		-40 ~ +85		

*Above specification are for device without connector.



Ordering Information

PMFWDM	Wavelength	Fiber Type	Fiber Length	Connector
	3155=1310 Pass / 1550 Reflect	B=250um panda fiber	1=1.0m	NE=None
	5531=1310 Reflect / 1550 Pass	D=400um panda fiber	2=2.0m	FA=FC/APC
	4855=1480 Pass / 1550 Reflect	L=900um loose tube		FC=FC/PC
	5548=1480 Reflect / 1550 Pass	panda fiber		SA=SC/APC
	5155=1510 Pass / 1550 Reflect	S=Specify		SC=SC/PC
	5551=1510 Reflect / 1550 Pass			ST=ST/PC
				LA=LC/APC
				LC=LC/PC
				XX=others