

## 980/1550 WDM FILTER

### Specifications

Parameter	Unit	Value
Pass Channel Wavelength Range	nm	1520~1600
Reflect Channel Wavelength	nm	965~1000
Insertion Loss	Reflect Channel	≤0.6
	Pass Channel	≤1.0
Insertion Loss	dB	<0.3
Isolation	Reflect Channel	>18
	Pass Channel	>30
Polarization Dependent Loss	dB	<0.15
Polarization Mode Dispersion	ps	<0.1
Directivity	dB	>60
Return Loss	dB	>50
Power Handling	mW	300
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-40~+85
Package Dimension	mm	φ5.5 x L34

### Ordering Information

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
FWDM	35=1310pass/1550 reflect	B= SMF-28, 250um	10=1.0m	NE=None
	53=1550pass/ 1310 reflect	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	45=1480pass/1550 reflect		20=2.0m	FC=FC/PC
	54=1550pass/ 1480 reflect	X=Others		SA=SC/APC
	95=980pass/1550 reflect			SC=SC/PC
	59=1550pass/980 reflect			ST=ST/PC
	15=1510pass/1550 reflect			LA=LC/APC
	51=1550pass/1510 reflect			LC=LC/PC
	49=1480pass/1590 reflect			XX=Others
	94=1590pass/1480 reflect			
XX=Others				

**1480/1550 WDM FILTER****Specifications**

Parameter	Unit	Value
Pass Channel Wavelength Range	nm	1530~1580 (or 1440~1490)
Reflect Channel Wavelength	nm	1440~1490 (or 1530~1580)
Insertion Loss	Reflect Channel	≤0.5
	Pass Channel	≤0.6
Insertion Loss	dB	<0.3
Isolation	Reflect Channel	>12
	Pass Channel	>30
Insertion Loss Temperature Sensitivity	dB/°C	<0.005
Polarization Dependent Loss	dB	<0.15
Polarization Mode Dispersion	ps	<0.1
Directivity	dB	>60
Return Loss	dB	>50
Power Handling	mW	300
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-40~+85
Package Dimension	mm	φ5.5 x L34

**Ordering Information**

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
FWDM	35=1310pass/1550 reflect	B= SMF-28, 250um	10=1.0m	NE=None
	53=1550pass/ 1310 reflect	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	45=1480pass/1550 reflect		20=2.0m	FC=FC/PC
	54=1550pass/ 1480 reflect	X=Others		SA=SC/APC
	95=980pass/1550 reflect			SC=SC/PC
	59=1550pass/980 reflect		XX=Others	ST=ST/PC
	15=1510pass/1550 reflect			LA=LC/APC
	51=1550pass/1510 reflect			LC=LC/PC
	49=1480pass/1590 reflect			XX=Others
	94=1590pass/1480 reflect			
	XX=Others			

## 1310/1550 WDM FILTER

### Specifications

Parameter	Unit	Value
Pass Channel Wavelength Range	nm	1520~1600 (or 1260~1360)
Reflect Channel Wavelength	nm	1520~1600 (or 1260~1360)
Insertion Loss	Reflect Channel	≤0.5
	Pass Channel	≤0.6
Insertion Loss	dB	<0.3
Isolation	Reflect Channel	>12
	Pass Channel	>30
Insertion Loss Temperature Sensitivity	dB/°C	<0.005
Polarization Dependent Loss	dB	<0.1
Polarization Mode Dispersion	ps	<0.1
Directivity	dB	>60
Return Loss	dB	>50
Power Handling	mW	300
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-40~+85
Package Dimension	mm	φ5.5 × L34

### Ordering Information

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
FWDM	35=1310pass/1550 reflect	B= SMF-28, 250um	10=1.0m	NE=None
	53=1550pass/ 1310 reflect	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	45=1480pass/1550 reflect	X=Others	20=2.0m	FC=FC/PC
	54=1550pass/ 1480 reflect		SA=SC/APC	
	95=980pass/1550 reflect		SC=SC/PC	
	59=1550pass/980 reflect		ST=ST/PC	
	15=1510pass/1550 reflect		LA=LC/APC	
	51=1550pass/1510 reflect		LC=LC/PC	
	49=1480pass/1590 reflect		XX=Others	
	94=1590pass/1480 reflect			
	XX=Others			

## C BAND/L BAND WDM FILTER

### Specifications

Parameter	Unit	Value
Pass Channel Wavelength Range	nm	1570~1610 (or 1500~1564)
Reflect Channel Wavelength	nm	1500~1564 (or 1570~1610)
Insertion Loss	Reflect Channel	≤0.5
	Pass Channel	≤0.6
Insertion Loss	dB	<0.3
Isolation	Reflect Channel	>12
	Pass Channel	>30
Insertion Loss Temperature Sensitivity	dB/°C	<0.005
Polarization Dependent Loss	dB	<0.15
Polarization Mode Dispersion	ps	<0.1
Directivity	dB	>60
Return Loss	dB	>50
Power Handling	mW	300
Operating Temperature	°C	-20~+70
Storage Temperature	°C	-40~+85
Package Dimension	mm	φ5.5 × L34

### Ordering Information

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
FWDM	35=1310pass/1550 reflect	B= SMF-28, 250um	10=1.0m	NE=None
	53=1550pass/ 1310 reflect	L= SMF-28, 900um	15=1.5m	FA=FC/APC
	45=1480pass/1550 reflect		20=2.0m	FC=FC/PC
	54=1550pass/ 1480 reflect	X=Others		SA=SC/APC
	95=980pass/1550 reflect			SC=SC/PC
	59=1550pass/980 reflect			ST=ST/PC
	15=1510pass/1550 reflect			LA=LC/APC
	51=1550pass/1510 reflect			LC=LC/PC
	49=1480pass/1590 reflect			XX=Others
	94=1590pass/1480 reflect			
XX=Others				

## BANDPASS FILTER

### Specifications

Parameter	Unit	Value
Center Wavelength	nm	850 - 1600
Bandwidth (3dB)	nm	0.2 - 40
Insertion Loss	dB	Custom
Isolation	dB	Custom
Return Loss	dB	≥50
PDL	dB	≤0.1
Power Handling	mW	≤300
Operating Temperature	°C	0 ~ +65
Storage Temperature	°C	-40 ~ +85
Package Dimension	mm	φ5.5 × L34

### Ordering Information

BP	Center Wavelength	Bandwidth (3dB)	Fiber	Cable Type	Fiber Length	Connector
BP	1550=1550nm 1310=1310nm 1064=1064nm 0980=980nm XXXX= Others	002=0.2nm 020=2.0nm 200=20nm XXX=Others	S=SMF-28 M5=50/125um M6=62.5/125um F1=1060 Flexcore PM=PM Panda Fiber XX= Others	B=250um O=400um L=0.9mm W=2mm H=3mm X=Others	10=1.0m 15=1.5m 20=2.0m XX=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC LC=LC/PC XX=Others