

**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	dB	≤0.5
	Pass Channel	dB	≤0.6
Insertion Loss		dB	<0.3
Isolation	Reflect Channel	dB	>12
	Pass Channel	dB	>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 xL35

**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			