

980/1550 Filter Wavelength Division Multiplexer

Features

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

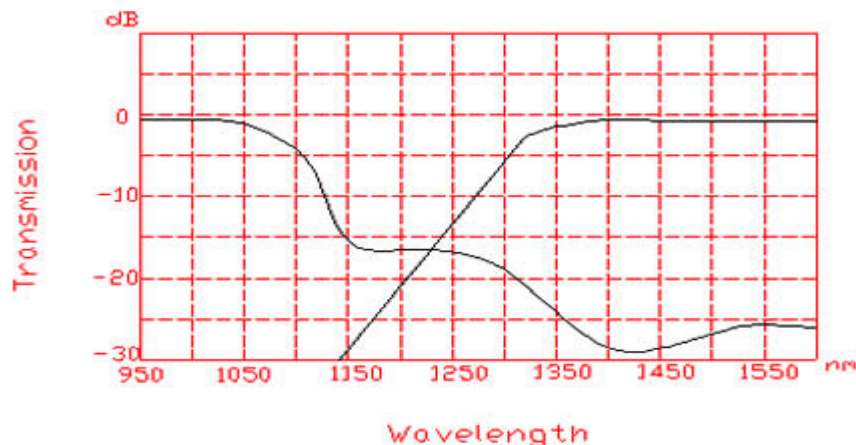
Applications

System Monitoring
WDM system
Transmitters and
Fiberlasers
Fiberoptic amplifier
Fiberoptic
Instruments

Specifications

Parameter	Value
Pass Channel Wavelength Range(nm)	1520~1600
Reflect Channel Wavelength(nm)	965~1000
Insertion Loss(dB)	Reflect Channel ≤ 0.6
	Pass Channel ≤ 1.0
Insertion Loss (dB)	< 0.3
Isolation(dB)	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($^{\circ}\text{C}$)	-20~+70
Storage Temperature($^{\circ}\text{C}$)	-40~+85
Package Dimension(mm)	$\phi 5.5 \times L34$

Image



Ordering Information

FWDM	Wavelength	Fiber Type	Fiber Length	Connector
	35=1310pass/1550 reflect	1=250um Bare fiber	1=1.0m	NE=None
	53=1550pass/ 1310 reflect	2=900um	2=2.0m	FA=FC/APC
	45=1480pass/1550 reflect	X=others		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			