

1310/1490/1550nm Filter Type WDM

1. Description:

FWDM is based on proven thin-film filter technology. This WDM is widely used in fiber optical communication system and EDFA where flat and broad operating bands are needed.

2. Features:

- ◆ Broad Operating Band
- ◆ High Channel Isolation
- ◆ Low Insertion Loss
- ◆ High Reliability and Stability

3. Applications:

- ◆ EDFA
- ◆ FTTH
- ◆ CATV System
- ◆ WDM System



4. Specifications:

Parameter		FTTH
Transmission Operating Wavelength (nm)		1550+/-10
Reflection Operating Wavelength (nm)		1310±40/1490+/-10
IL (dB)	Reflection	≤0.8
	Transmission	≤0.8
IL Flatness (dB)		< 0.3
Isolation (dB)	Reflection	> 15
	Transmission	> 35
Directionality (dB)		>55
RL (dB)		> 50
PDL(dB)		<0.1
PMD(ps)		<0.1
Power Handling (mW)		300
Operating Temperature (°C)		0 ~ +70
Storage Temperature (°C)		-40 ~ +85
Package Dimension (mm)		5.5*34 or 90*20*10

5. Order Information:

FWDM	Channel	Fiber Type	Fiber Length	Connector
	55= 1550nm 49= 1490nm 31= 1310nm	1=Bare Fiber 2=900um Jacket 3=3mm Cable	1=1 Meter 2=2 Meter	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC