

8ch/16ch Filter Type WDM Module

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	≤0.6
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)		100*80*10or 120*80*18

5. Order Information:

FWDM-Module	Channel	Fiber Type	Fiber Length	Connector
FWDM-M	1= ch	1=900um Jacket 2=2mm Cabled 3=3mm Cable	1=0.5Meter 2=1Meter	0=None
	2=2ch			1=FC/APC
	3=4CH			2=FC/PC
	4=8ch			3=SC/APC
	5=16ch			4=SC/PC
				5=ST
				6=LC