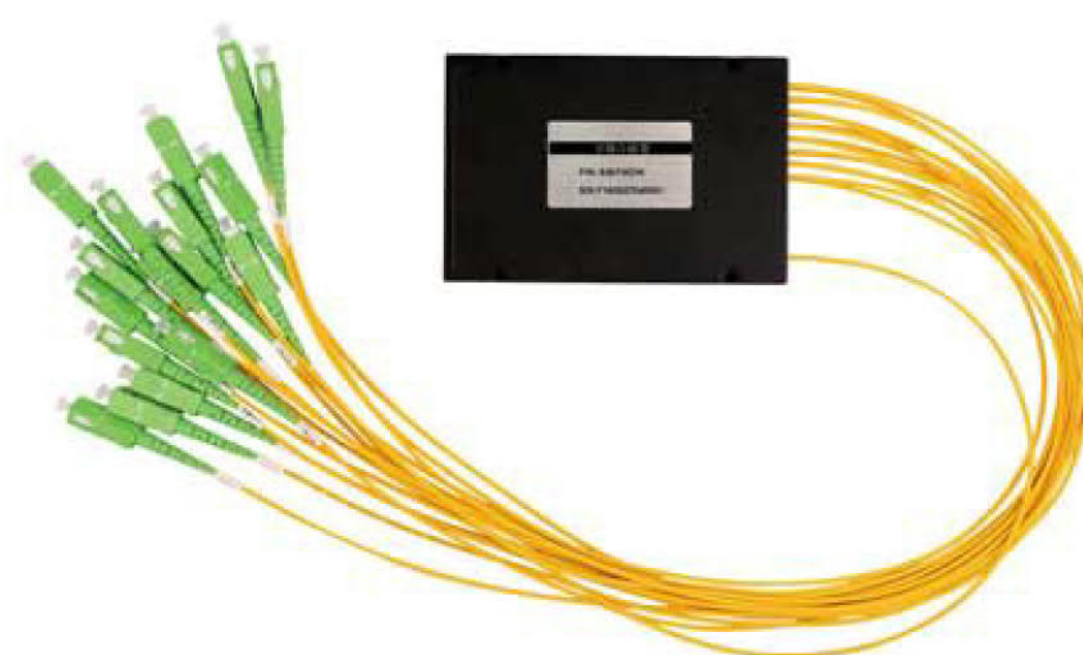


# 1310/1490/ 1550nm CATV +PON WDM



## Features

- Wide bandwidth
- High isolation
- Low insertion loss
- High stability and reliability

## Applications

- EDFA application
- FTTH system

## Performance Specifications

Parameter		4 Channels	8 Channels	16 Channels	32 Channels
CATV wavelength Range (nm)		1540~1620			
PON wavelength Range (nm)		1260~1500			
Insertion Loss (dB)	CATV - COM	≤8	≤11.6	≤14.5	≤17.8
	COM - PON	≤0.6	≤0.6	≤0.6	≤0.6
Isolation (dB)	CATV - COM(@PON)	≥30			
	COM - PON(@CATV)	≥15			
Insertion Loss Temperature Sensitivity (dB)		≤0.5			
Polarization Dependent Loss (dB)		≤0.2			
Polarization Mode Dispersion (ps)		≤0.1			
Directivity (dB)		≥50			
Return Loss (dB)		≥45			
Maximum Power Handling (mW)		300			
Operating Temperature (°C)		-10~+70			
Storage Temperature (°C)		-40~+85			
Package Dimension (mm)	1x4	L100 x W80 x H10			
	1x8	L120 x W80 x H18			
	1x16	L140 x W114 x H18			
	1x32	19" 1U Rackmount			

Above specifications are for devices without connector.  
Specifications may change without notice.

## Ordering Information

FWDM	□□□	□□	□	□	□	□
	Wavelength	Number of Channels	Package	Fiber Diameter	Fiber Length	Connector
	5/34=1550/1310 & 1490	04=4 Channels 08=8 Channels 16=16 Channels 32=32 Channels	1=ABS Box Module 2=Rackmount 3=LGX Box 4=Insert Box 5=Specify	0=250μm 1=900μm 2=2.0mm 3=3.0mm	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify