Flyin 3 Ports FWDM（1310/1550nm）

Flyin Optronics' Micro-Optical WDM utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging. It provides low insertion loss, high channel isolation, low temperature sensitivity and epoxy free optical path.

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 Network
- Transmitters and Fiber laser
- Fiber Optical amplifier
- Fiberoptic Instruments

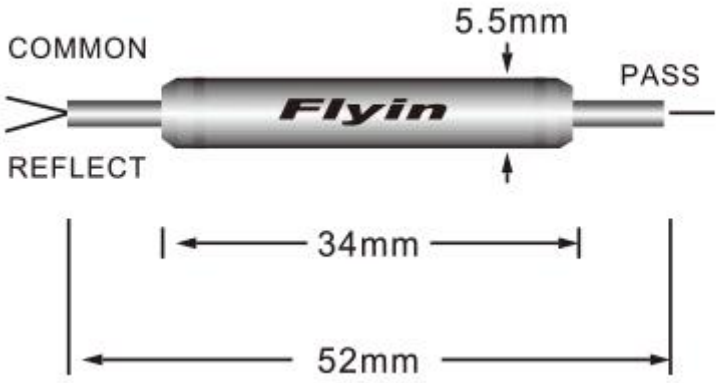
Performance Specifications

Parameter		FWDM 5/3	FWDM 3/5
Pass Channel Wavelength (nm)		1500 ~ 1600	1260 ~ 1360
Reflect Channel Wavelength (nm)		1260 ~ 1360	1500 ~ 1600
Insertion Loss (dB)	Reflect Channel	≤0.5	
	Pass Channel	≤0.6	
Insertion Loss Variation (dB)		<0.3	
Isolation (dB)	Reflect Channel	>15	
	Pass Channel	>30	
Inertion Loss Temperature Sensitivity (dB/℃)		<0.005	
Polarization Dependent Loss (dB)		<0.1	
Polarization Mode Dispersion		<0.1	
Directivity (dB)		>50	
Return Loss （dB）		>50	
Maximum Power Handling (mW)		300	
Opterating Temperature (℃)		-10~+75	
Storage Temperature (℃)		-40~+85	
Package dimension (mm)		Φ5.5x34 (L38 for 900um Loose tube)	

Specification may change without notice.

Above specification are for device without connector.

Package Dimension



Ordering Information

FWDM	XX	X	X	XX
	Wavelength	**Fiber Type**	**Fiber Length**	**In/Out Connector**
	35=1310 pass/ 1550 reflect 53=1550 pass/ 1310 reflect	1=Bare fiber 2=900um loose tube	1=1m 2=2m S=Specify	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/PC 7=LC/APC 8=E2000 S=Specify