

Flyin 3 Ports FWDM (980/1550,1480/1550nm)

Flyin optronics' Micro-Optics 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

- Low Insertion loss
- High Return loss
- Wide Operating Wavelength range
- High Channel Isolation
- High Stability and reliability
- Epoxy-free on Optical Path



Applications

- System Monitoring
- WDM Network
- Transmitters and Fiber Lasers
- Fiber Optical amplifier
- Fiber Optic Instruments

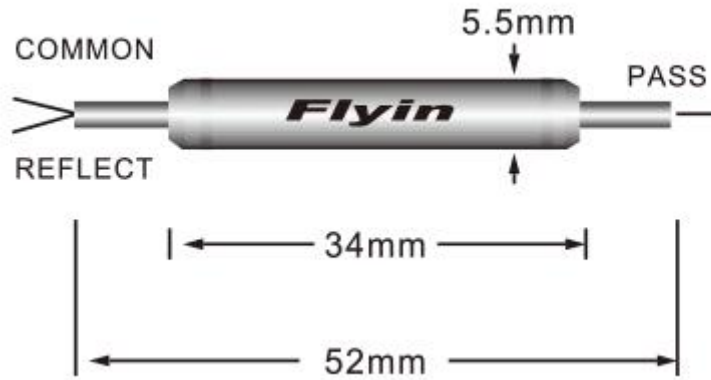
Performance Specifications

Parameter	FWDM 5/4	FWDM 61/5	FWDM 5/9
Pass Band Wavelength Range (nm)	1530~1565	1600~1670	1525~1600
Reflection Band Wavelength Range (nm)	1450~1490	1260~1580	965~1000
Insertion loss (dB)	Reflect Channel	≤0.5	≤0.6
	Pass Channel	≤0.6	≤0.8
Pass Band Rippler (dB)	<0.3		
Isolation(dB)	Reflect Channel	>15	>15
	Pass Channel	>25	>35
Insertion Loss Temperature Sensitivity (dB/°C)	<0.005		
Polarization Dependent Loss (dB)	<0.1		
Polarization Mode Dispersion (ps)	<0.1		
Directivity (dB)	>50		
Return loss (dB)	>50		
Maximum Power Handling (mW)	500		
Operating Temperature (°C)	-20~+70		
Storage Temperature (°C)	-40~+85		
Fiber Type	Corning SMF-28e fiber	Corning HI1060 fiber at Common & Reflection port, SMF-28e fiber at Pass port	
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
	54=1550 pass/1480 reflect 59=1550 pass/980 reflect 61/5=1610 pass/1550 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