

## 1x2 CWDM Device(3 Ports)

Flyin Optronics' Coarse wavelength division multiplexer (CWDM) utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging. It provide slow insertion loss, high channel isolation, wide pass band, low temperature sensitivity and epoxy free optical path.

### Features

- Low Insertion Loss
- Wide pass band
- High Channel Isolation
- High Stability and reliability
- Epoxy-free on Optical Path

### Applications

- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber Optical amplifier
- Access Network



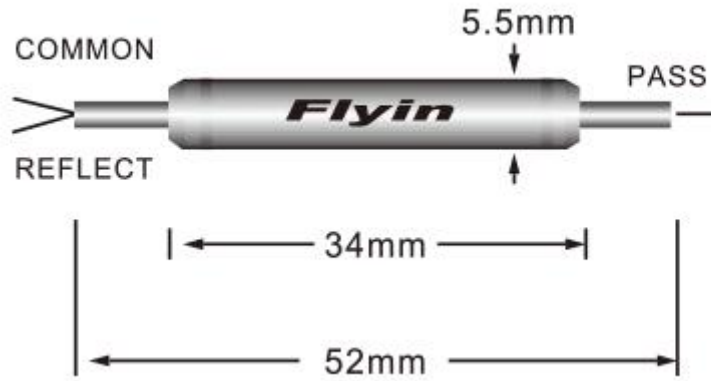
### Performance Specifications

Parameter		Specification
Channel Wavelength (nm)		1260 ~ 1620 or 1271 ~ 1611
Channel Spacing (nm)		20
Channel Passband (@-0.5dB bandwidth (nm)		>13
Pass Channel Insertion Loss (dB)		≤0.6
Reflection Channel Insertion Loss (dB)		≤0.4
Channel Ripple (dB)		<0.3
Isolation (dB)	Adjacent	>30
	Non-adjacent	>40
Inertion Loss Temperature Sensitivity (dB/°C)		<0.005
Wavelength Temperature Shifting (nm/°C)		<0.002
Polarization Dependent Loss (dB)		<0.1
Polarization Mode Dispersion		<0.1
Directivity (dB)		>50
Return Loss (dB)		>45
Maximum Power Handling (mW)		300
Operatng Temperature (°C)		-20~+75
Storage Temperature (°C)		-40~85
Package dimension (mm)		Φ5.5x34

Specifications may change without notice.

Above specification are for device without connector.

### Package Dimension



### Ordering Information

CWDM	X	XX	X	X	XX
	Channel Spacing	Pass Channel	Fiber Type	Fiber Length	Connector
	C=CWDM Grid	27=1270nm ..... 47=1470nm 49=1490nm ..... 61=1610nm	1=Bare fiber 2=900um loose tube	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC