

## Flyin 16/18-Channel Compact CWDM Module(Industrial Grade)

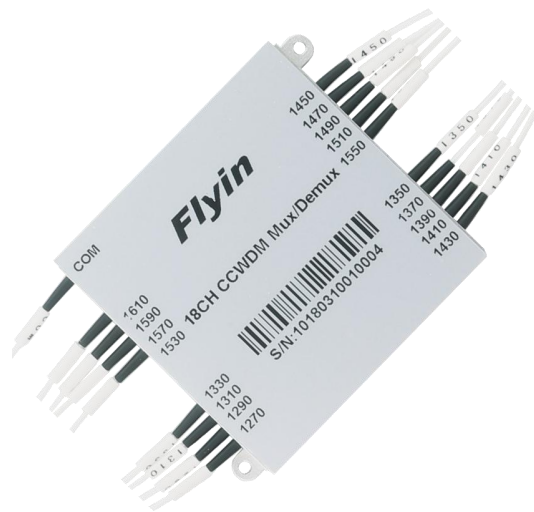
Flyin's compact size Coarse Wavelength Division Multiplexers(Mini CWDM, Compact CWDM, CCWDM), are integrated optical modules using Flyin's proprietary optical bench platform which can significantly improve optical performance, while also reduce manufacturing cost. Compare to the common standard CWDM module, Flyin's Mini CWDM takes much smaller package size. Much space can be saved in the application and meanwhile the performance and parameters are also better. All Flyin's CWDM modules are Telcordia qualified.(Meet TELCORDIA GR-1221-CORE)

### Features:

- Low Insertion Loss
- Wide Passband
- High Channel Isolation
- High Stability and reliability
- Epoxy free on optical path
- Compact size

### Applications:

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

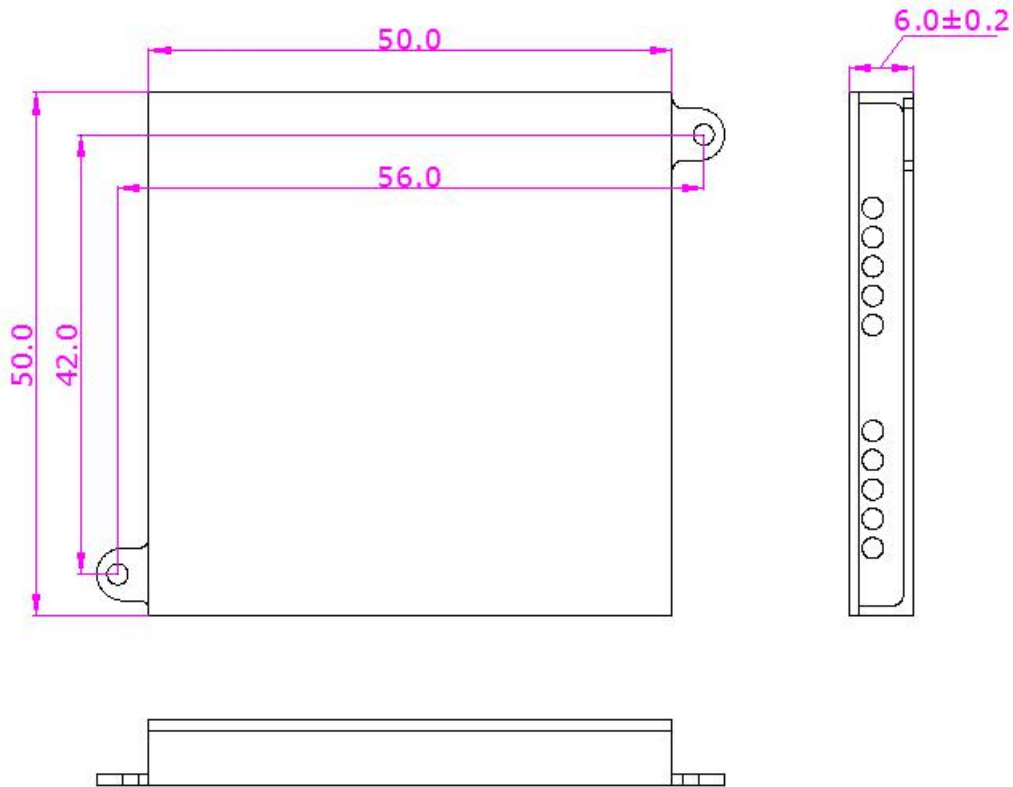


### Performance Specifications:

Parameter		Specification	
Channel Number		16-CH	18-CH
Center Wavelength(nm)		1270-1610 or 1271-1611	
Channel Spacing(nm)		20	
Passband channels		+/-6.5	
Isolation(dB)	Adjacent	≥30	
	Non-adjacent	≥45	
Insertion Loss(dB)		≤3.3	
PDL(dB)		≤0.2	
Directivity(dB)		≥55	
Return Loss(dB)		≥50	
PMD(ps)		≤0.2	
Max Power Handling(mW)		500	
Operating Temperature(°C)		-40 to +85	
Storage Temperature(°C)		-40 to +85	
Fiber Type		Corning SMF-28e,900um Loose Tube	
Package Dimensions(mm)		50.0x50.0x6.0	

\*Above specification are for device without connectors.

**Package Dimension:**



**Ordering Information:**

CCWDM	XX	XX	X	X	XX
	Number of Channel	1st Channel	Fiber Type	Fiber Length	In/Out Connector
	16=16 Channel 18=18Channel	27=1270nm 31=1310nm SS=special	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/UPC 7=LC/APC 8=MU S=Specify

版本记录/Revision History

Revision	Notes	Authors	Checked	Approval	Date
Rev A0	首次制定/New release	Eric Wang			2018.04.17