

Flyin Ultra MINI LAN-WDM Module Specification

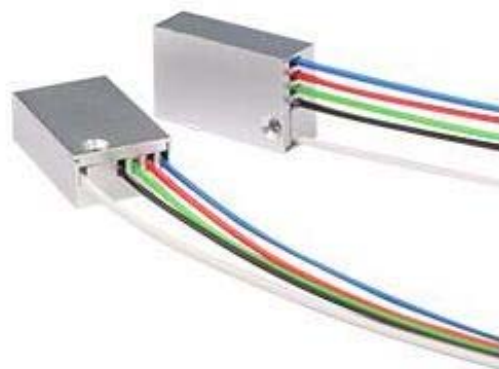
Flyin offers full range of CWDM products including common CWDM packed in ABS box with single devices spliced inside and second generation MINI CWDM modules utilizes free space technology. This document specifies the performance of the third generation MINI CWDM which also utilizes free space technology but with ultra-compact size and high reliability. It can be widely used in 40Gbps or 100Gbps application. All Flyin's CWDM products are Telcordia GR-1209 and GR-1221 compliance.

Features

- Low Insertion Loss
- High stability and reliability
- High Channel Isolation
- Ultra compact size
- Epoxy-free on Optical Path

Applications

- WDM Network
- CFP transceivers
- Data communication
- 40G or 100G application



Performance Specifications

Parameter		4 Channel Module
Channel Wavelength (nm)		1271/1291/1311/1331
Center Wavelength Accuracy(nm)		±0.5
Channel Spacing(nm)		20
Channel Passband(nm)		±6.5
Insertion Loss (dB)		≤1.4
Channel Ripple (dB)		0.3
Isolation (dB)	Adjacent	>30
	Non-adjacent	>45
Inertion Loss Temperature Sensitivity (dB/°C)		<0.005
Wavelength Temperature Shifting (nm/°C)		<0.002
Polarization Dependent Loss (dB)		<0.2
Polarization Mode Dispersion		<0.2
Directivity (dB)		>50
Return Loss(dB)		>45
Maximum Power Handling (mW)		300
Operatng Temperature (°C)		-10~+80
Storage Temperature (°C)		-40~+85
Package dimension (mm)		L20*W12.4*H6.4

*Specification may change without notice. Above specification are for device without connectors.

