

SIGLE CHANNEL CWDM OADM(1x2)

Features:

Environmental Green Plan
Compliance
Ultra-Low Insertion Loss
Narrow Down Distribution
Super Thermal Stability
Highly Reliability
High Channel Isolation
Epoxy-free Optical Path

Applications:

System Monitoring
WDM System
Transmitters and Fiber Lasers
Fiber Optical Amplifier
Fiber optic Instruments



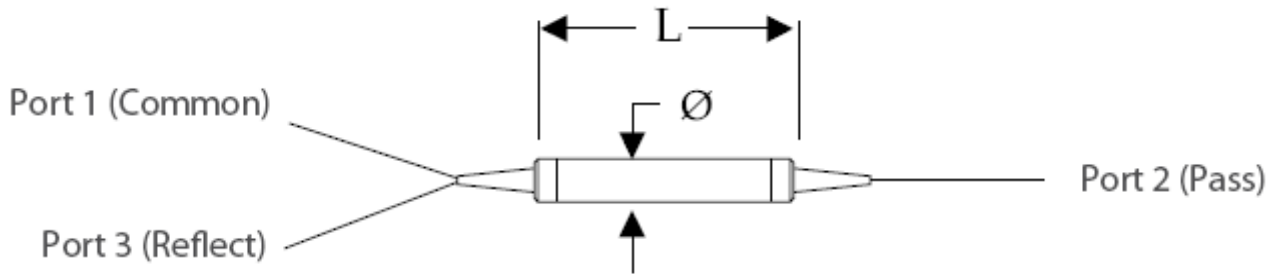
Performance Specification

CWDM OADM Series	Min	Typical	Max	Unit
Center Wavelength	ITU Grid			nm
Channel Spacing	20			nm
Passband Bandwidth @0.5dB	6.5			nm
Insertion Loss(Over all Wavelength range, all SOP)	Pass Port	0.35	0.45	dB
	Reflect Port	0.30	0.45	dB
Polarization Dependent Loss(PDL)	0.10			dB
Polarization Mode Dispersion(PMD)	0.10			ps
Passband Ripple	0.20			dB
Adjacent Channel Band Isolation	30			dB
Non-adjacent Channel Band Isolation	40			dB
Return Loss	50			dB
Directivity	50			dB
Operating Power	500			mW
Operating Temperature	0 to~+70			°C
Storage Temperature	-40 to~+85			°C
Fiber Type	Corning SMF-28			
Package Dimensions	250Um Bare Fiber	P1∅ 5.5x34.0		mm
	900Um loose tube	P2∅ 5.5x40.0		mm

* Note:

- 1) The maximum IL is under all states of polarization and within the full operating temperature And wavelength ranges specified
- 2) All the parameters are excluding connectors
- 3) The mechanical tolerance shoulbe +/-0.2mm on all package dimensions unless otherwise Custom specified

Mechanical Drawing/Package Dimensions (dimension in mm)



Ordering Information: CWDM-①①-②-③-④-⑤

①①Wavelength	②Fiber type	③Fiber length	④Package dimension	⑤Connector
47=1471nm	1=250um bare fiber	1=1m	A=Package dimension A	0=None
49=1491nm	2=900um loose tube	S=custom spec		1=FC/APC
51=1511nm	S= custom spec			2=FC/PC
.....			S=custom spec	3=SC/APC
				4=SC/PC
				5=ST
				6=LC
				S=custom spec

*The tolerance of fiber length is +/-0.1m. 1 meter is standard. The lead-time for special Fiber length will be longer