

1310nm/1550nm Micro-Optic WDM

Features:

Environmental Green Plan
Compliance
Wide Operating Wavelength Range
Compact Size
Low Insertion Loss
Ultra Low PDL and PMD
High Channel Isolation
Epoxy-free Optical Path

Applications:

Bi-directional WDM Systems
Uni-directional WDM Systems
System Monitoring
Transmitters& Fiber
Laboratory R&D



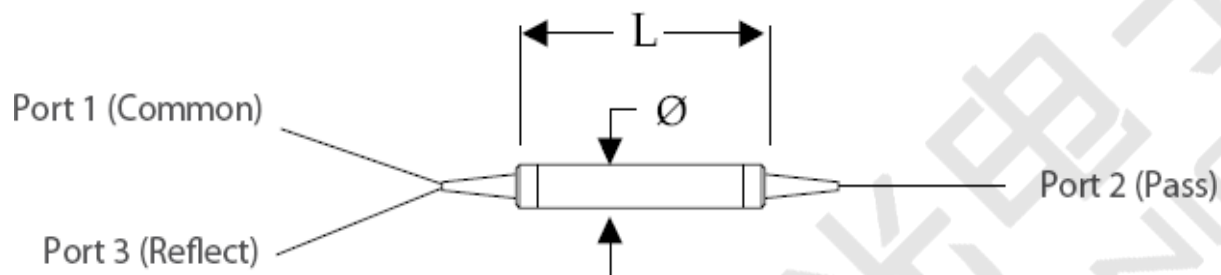
Performance Specification

MWDM13CS Series		Min	Max	Unit
Pass Channel Wavelength Range	Type 1315	1260	1360	nm
	Type 1513	1460	1620	nm
Reflection Channel Wavelength Range	Type 1315	1460	1620	nm
	Type 1513	1260	1360	nm
Insertion Loss*	Pass Channel		0.7	dB
	Reflect Channel		0.5	dB
Polarization Dependent Loss (PDL)			0.10	dB
Polarization Mode Dispersion (PMD)			0.05	ps
Passband Ripple			0.30	dB
Insertion	Pass Channel	35		dB
	Reflect Channel	22		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	Port 1&3	Corning SMF-28		
Package Dimensions	250Um Bare Fiber	P1 Ø 5.5x34.0		mm
	900Um loose tube	P2 Ø 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 shoulder +/-0.2mm on all package dimensions unless otherwise Custom specified

Mechanical Drawing/Package Dimensions (dimension in mm)



Ordering Information: MWDM-①①-②-③-④-⑤

①①Wavelength	②Fiber type	③Fiber length	④Package dimension	⑤Connector
5A=1550 Pass	1=250um bare fiber	1=1m	A=Package dimension A	0=None
3A=1310 Ref	2=900um loose tube	S=custom spec		1=FC/APC
3B=1310 Pass	S= custom spec			2=FC/PC
5B=1550 Ref			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