

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



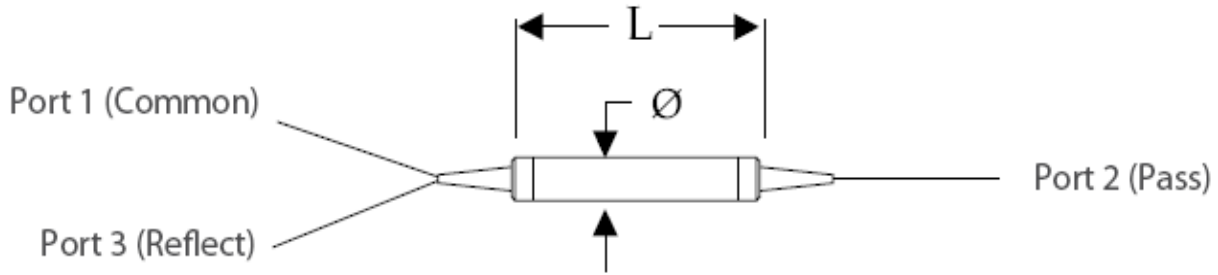
Performance Specification

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	15		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 \varnothing 5.5x34.0	mm
	900Um loose tube		P2 \varnothing 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 should be +/-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