

980nm/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



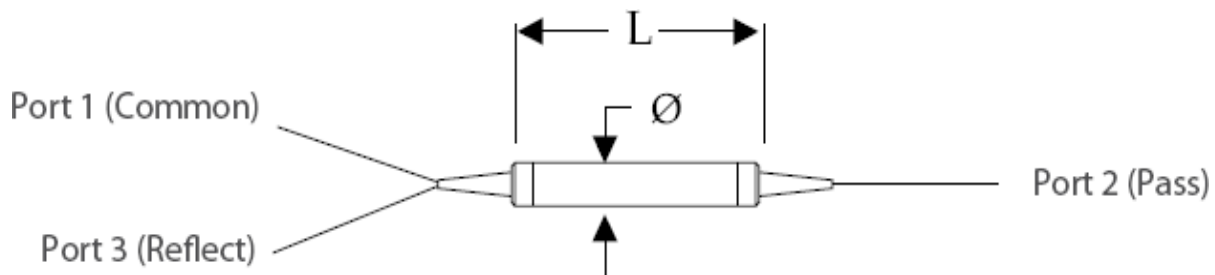
Performance Specification

MWDM98CS Series		Min	Max	Unit
Pass Channel Wavelength Range		1520	1610	nm
Reflection Channel Wavelength Range		965	995	nm
Insertion Loss*	Pass Channel		1.0	dB
	Reflect Channel		0.6	dB
Polarization Dependent Loss (PDL)			0.1	dB
Polarization Mode Dispersion (PMD)			0.05	ps
Passband Ripple			0.2	dB
Insertion	Pass Channel	18		dB
	Reflect Channel	30		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 Flexcore 1060	
	Port 2		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 shoulders ± 0.2 mm 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
5=1550 Pass	1=250um bare fiber	1=1m	A=Package dimension A	0=None
9=980 Ref	2=900um loose tube	S=custom spec		1=FC/APC
.....	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