

FTTX 1310/1490/1550 WDM

Features:

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

Applications:

WDM System for Metro/Access

FTTX Application



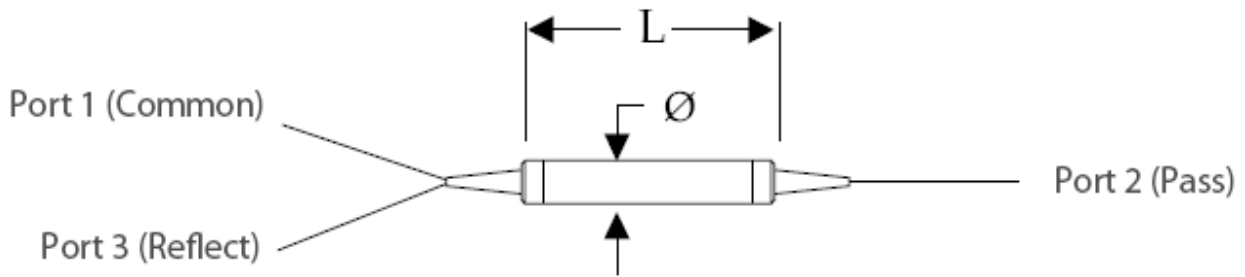
Performance Specification

MWDM13CS Series		Min	Typical	Max	Unit
Pass Channel Wavelength Range		1260~1360			nm
Pass Channel Wavelength Range		1480~1500			nm
Reflection Channel Wavelength Range		1550~1560			nm
Insertion Loss*	Pass Channel	0.7		0.8	dB
	Reflect Channel	0.5		0.6	dB
Polarization Dependent Loss (PDL)		0.20			nm
Polarization Mode Dispersion (PMD)		0.20			ps
Passband Ripple		0.20			dB
Insertion	Add/Drop@	40			dB
	Express@	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		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 ± 0.2 mm on all package dimensions unless otherwise Custom specified

Mechanical Drawing/Package Dimensions (dimension in mm)



Ordering Information: FWDM-①①①-②-③-④-⑤

①①Wavelength	②Fiber type	③Fiber length	④Package dimension	⑤Connector
34=1310/1490Pass	1=250um bare fiber	1=1m	A=Package dimension A	0=None
5=1550 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