

## 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



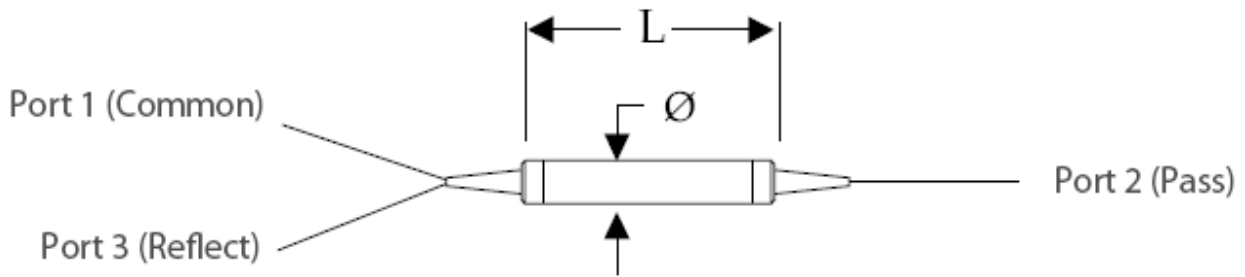
### Performance Specification

MWDM15CS Series		Min	Typical	Max	Unit
Pass Channel Wavelength Range		1540~1560			nm
Reflection Channel Wavelength Range		1480~1500			nm
Reflection Channel Wavelength Range		1260~1360			nm
Insertion Loss*	Pass Channel	0.9		1.1	dB
	Reflect Channel	0.9		1.1	dB
Polarization Dependent Loss(PDL)		0.20			dB
Polarization Mode Dispersion(PMD)		0.20			ps
Passband Ripple		0.20			dB
Insertion	Add/Drop@	≥50			dB
	Express@	≥45			dB
Return Loss		≥50			dB
Directivity		≥50			dB
Operating Power		500			mW
Operating Temperature		-10 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 should be +/-0.2mm 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
5=1550 Pass	1=250um bare fiber	1=1m	A=Package dimension A	0=None
34=1310/1490Ref	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