

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



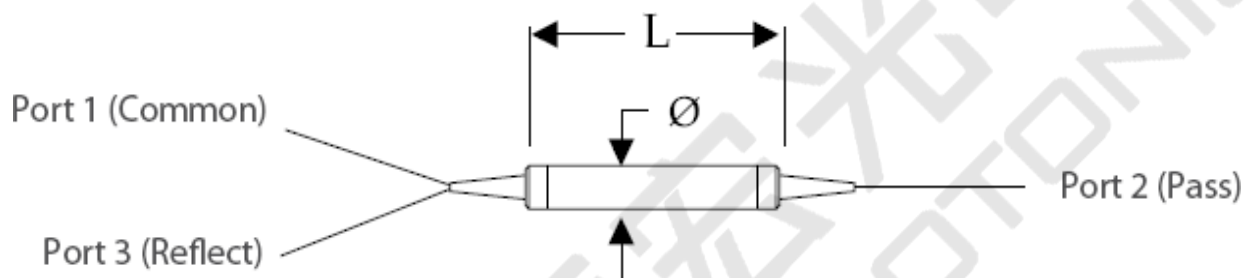
Performance Specification

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 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: 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